Summary of product characteristics for a biocidal product

Product name: KATHON™WT 210 BIOCIDE

Product type(s): PT02 - Disinfectants and algaecides not intended for direct application to humans or animals (Disinfectants)

PT04 - Food and feed area (Disinfectants)

PT04 - Food and feed area (Disinfectants)

PT06 - Preservatives for products during storage (Preservatives)

PT06 - Preservatives for products during storage (Preservatives)

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PT06 - Preservatives for products during storage (Preservatives)

PT06 - Preservatives for products during storage (Preservatives)

PT06 - Preservatives for products during storage (Preservatives)

PT11 - Preservatives for liquid-cooling and processing systems (Preservatives)

PT11 - Preservatives for liquid-cooling and processing systems (Preservatives)

PT11 - Preservatives for liquid-cooling and processing systems (Preservatives)

PT11 - Preservatives for liquid-cooling and processing systems (Preservatives)

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PT11 - Preservatives for liquid-cooling and processing systems (Preservatives)

PT11 - Preservatives for liquid-cooling and processing systems (Preservatives)

PT12 - Slimicides (Preservatives)

PT12 - Slimicides (Preservatives)

PT12 - Slimicides (Preservatives)

PT13 - Working or cutting fluid preservatives (Preservatives)

Authorisation number: EU-0025449-0000

R4BP 3 asset reference number: EU-0025449-0006

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Administrative information

1.1. Trade names of the product

KATHON™WT 210 BIOCIDE
A-CID SA
ADUR 166
ALG 200
Biocide BALK 20
Biocide KT210WT
France Algue 242
KL60 TA21
KT210WT
MK3094
MK3394
MK3203
B203-210WT
Biocide 210WT
Biotech 210WT
Deep Bio® 210WT
Ecosafe Bio 210WT
OS Isobio 210WT
PH-SB210WT
Sayvol Bio LP210WT

1.2. Authorisation holder

Name and address of the authorisation holder	Name	MC (Netherlands) 1 B.V.
	Address	Willem Einthovenstraat 4 2342BH Oegstgeest Netherlands
Authorisation number	EU-0025449-0000 1-3	

R4BP 3 asset reference number	EU-0025449-0006
Date of the authorisation	20/09/2022
Expiry date of the authorisation	31/08/2032

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	AD Productions BV
Address of the manufacturer	Markweg Zuid 27 4794 SN Heijningen, Netherlands
Location of manufacturing sites	Markweg Zuid 27 4794 SN Heijningen, Netherlands

Name of the manufacturer	Alliance Production
Address of the manufacturer	4 BOULEVARD DEODAT DE SEVERAC 31770 COLOMIERS, France
Location of manufacturing sites	4 BOULEVARD DEODAT DE SEVERAC 31770 COLOMIERS, France

Name of the manufacturer	Aquatreat Chemical Products Ltd
Address of the manufacturer	Unit 7, Abbey Industrial Estate, 24 Willow Lane CR4 4NA Mitcham, United Kingdom
Location of manufacturing sites	Unit 7, Abbey Industrial Estate, 24 Willow Lane CR4 4NA Mitcham, United Kingdom

Name of the manufacturer	EAUTEX
Address of the manufacturer	28 RUE KELLERMANN 59100 ROUBAIX, France
Location of manufacturing sites	28 RUE KELLERMANN 59100 ROUBAIX, France

Name of the manufacturer	Kalon Mantenimiento Industrial S.A.
Address of the manufacturer	Avenida de la Industria 4 28823 Coslada, Madrid, Spain
Location of manufacturing sites	Avenida de la Industria 4 28823 Coslada, Madrid, Spain

Name of the manufacturer	Tresch/ chassieu
Address of the manufacturer	3 Rue Blaise Pascal 69680 Chassieu, France
Location of manufacturing sites	3 Rue Blaise Pascal 69680 Chassieu, France

Name of the manufacturer	URQUIMIA S.L.
Address of the manufacturer	POL. IND. DE ARASO C/ERREGEOIANA 2G 20305 Irún, Guipúzcoa, Spain
Location of manufacturing sites	POL. IND. DE ARASO C/ERREGEOIANA 2G 20305 Irún, Guipúzcoa, Spain

Name of the manufacturer	Nutrition & Biosciences (Switzerland) GmbH
Address of the manufacturer	Wolleraustrasse 15-17 CH-8807 Freienbach, Switzerland
Location of manufacturing sites	Haven 1931 Geslecht 9130 Kallo, Belgium
	Madoerastraat 10 3199 KR Maasvlakte Rotterdam, Netherlands

1.4. Manufacturer(s) of the active substance(s)

Active substance	1373 - Mixture of 5-chloro-2-methyl-2H- isothiazol-3-one (EINECS 247-500-7) and 2-methyl-2H-isothiazol-3-one (EINECS 220-239-6) (Mixture of CMIT/MIT)
Name of the manufacturer	Jiangsu FOPIA Chemicals Co., Ltd
Address of the manufacturer	Touzeng Village 224555 Binhuai Town, Binhai County, Yancheng City, Jiangsu, China
Location of manufacturing sites	Touzeng Village 224555 Binhuai Town, Binhai County, Yancheng City, Jiangsu, China

2. Product composition and formulation

2.1. Qualitative and quantitative information on the composition of the biocidal product

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Mixture of 5-chloro-2-methyl-2H- isothiazol-3-one (EINECS 247-500-7) and 2-methyl-2H-isothiazol-3-one (EINECS 220-239-6) (Mixture of CMIT/MIT)		Active Substance	55965-84-9		3,2

2.2. Type of formulation

AL - Any other liquid

3. Hazard and precautionary statements

Hazard statements	Harmful if inhaled. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Very toxic to aquatic life with long lasting effects. Corrosive to the respiratory tract. May be corrosive to metals. Harmful if swallowed.

Precautionary statements	Do not breathe fume. Wash skin thoroughly after handling. Do no eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection . Take off contaminated clothing.And wash it before reuse. If skin irritation or rash occurs:Get medical advice. IF SWALLOWED:Rinse mouth.Do NOT induce vomiting. IF ON SKIN (or hair):Take off immediately all contaminated clothing.Rinse skin with water. IF INHALED:Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/ doctor . IF IN EYES:Rinse cautiously with water for several minutes.Remove contact lenses, if present and easy to do. Continue rinsing. Collect spillage. Store locked up. Keep only in original packaging. IF SWALLOWED:Call a POISON CENTER/ doctor if you feel unwell. Store in a corrosion-resistant container with a resistant inner liner. Absorb spillage to prevent material damage.

4. Authorised use(s)

4.1 Use description

Use 1 -
Preservation of sump water in air conditioning and air washer systems.

Product type	PT02 - Disinfectants and algaecides not intended for direct application to humans or animals (Disinfectants)

Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria (including Legionella pneumophila) Development stage: Scientific name: Common name: Yeasts Development stage: Scientific name: Common name: Fungi Development stage: Scientific name: Common name: Algae Development stage:
Field(s) of use	Outdoor Preservation of sump water in air conditioning and air washer systems. Air conditioning systems and in air washer systems to preserve the sump water. Air washer systems are used extensively in textile factories and in the tobacco industry to scrub or clean the air and for fine control of temperature and humidity.
Application method(s)	Method: Open and closed Systems Detailed description: **Automatic and Manual Dosing** The biocidal product is typically added in a central chilled water sump which supplies several air washers. The loading process may be conducted either manually or by automation. In the automated process, the biocide is metered directly into the sump from a holding tank or other type of bulk container by a dosimeter (pump). The feeding pipe must dose the biocidal product below the water level in order to limit its evaporation.
Application rate(s) and frequencies	Application Rate: Curative application: Bacteria, yeasts and fungi. When the system is noticeably fouled, apply 5 to 14,9 mg C(M)IT/MIT (3:1) per Litre of water to be treated, as post treatment after a shock dose of minimum 0,3 ppm of free chlorine. Preventive application: algae When control is obtained, add a continuous or semi continuous feed of 3 to 5 mg C(M)IT/MIT (3:1) per L of water to be treated Dilution (%): - Number and timing of application: Curative application: Bacteria, yeasts and fungi When the system is noticeably fouled, apply 5 to 14,9 mg C(M)IT/MIT (3:1) per Litre of water to be treated, as post treatment after a shock dose of minimum 0,3 ppm of free chlorine. Contact time of 1 hour. Preventive application: algae When control is obtained, add a continuous or semi continuous feed of 3 to 5 mg C(M)IT/MIT (3:1) per L of water to be treated. Regardless of the manner of treatment, the total concentration of the active ingredient C(M)IT/MIT (3:1) in the system should not exceed 14,9 mg/L in the sump water. **Preliminary steps prior to addition:** The biocidal product is automatically dosed to the system. Manual handling is necessary for the loading of the biocidal product into the dosing systems. **Application Frequency:** Nominally every 2 to 3 days or as needed to obtain control. Repeat until fouling is

	reduced to an acceptable level for controlling the microbial growth.
Category(ies) of users	Industrial
Pack sizes and packaging material	For industrial and professional users: - HDPE flask: 5 L (nominal) - HDPE Pail / Jerrycan: 10 L, 20 L, 25 L, 30 L (nominal) - Box with HDPE liner: 20 L - HDPE Drum: 110 L, 120 L, 200 L, 260 L - HDPE IBC: 650 L, 800 L, 1000 L, 1250 L All products should be transport and stored in a vented room.

4.1.1 Use-specific instructions for use

- Respect the conditions of use of the product (concentration, contact time, temperature, pH, etc.).
- The CMIT/MIT biocidal products are used after a shock dose of free chlorine in this application as standard industry practice.

4.1.2 Use-specific risk mitigation measures

- Rinse the system (especially the dispensing pumps) with water prior to perform the cleaning step.
- During mixing and loading and cleaning of the dispensing pumps, exposure to the product (corrosive and skin sensitizer product) has to be limited by use of PPE and application of technical and organisational RMM:
• Minimisation of manual phases (process automation);
• Use of a dosing device;
• Regular cleaning of equipment and work area;
• Avoidance of contact with contaminated tools and objects;
• Good standard of general ventilation;
• Training and management of staff on good practice.
- PPE is as follows:
• protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information);
• protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information);
• Eye protection;
• Substance/task appropriate respirator if ventilation is inadequate.

4.1.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general directions for use.

4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general directions for use.

4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See general directions for use.

4.2 Use description

Use 2 -
Preservation of fluids in conveyor belts and pasteurisers

Product type	PT04 - Food and feed area (Disinfectants)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage: Scientific name: Common name: Yeasts Development stage: Scientific name: Common name: Fungi Development stage:
Field(s) of use	Indoor Preservation of fluids in conveyor belts and pasteurisers The biocidal product is used for the preservation of process fluids in pasteurisers and conveyor belts used in food industry. The biocidal product is used in these systems to either control or kill bacteria and fungi.
Application method(s)	Method: Closed system Detailed description: Automated dosing The biocidal product is dosed automatically in the heat transfer fluid, in a place of good mixing (e.g. collecting sump below the conveyor belt).
Application rate(s) and frequencies	Application Rate: Curative application: Bacteria, yeasts and fungi When the system is noticeably fouled, apply 10 to 14,9 g C(M)IT/MIT (3:1) per m3 of water to be treated as post treatment after a shock dose of minimum 0,3 ppm of free chlorine Preventive application: Bacteria: When control is obtained, add a continuous or semi continuous feed of 2,5 to 5 g C(M)IT/MIT (3:1) per m3 of water to be treated. Dilution (%): - Number and timing of application:

	Curative application: Bacteria, yeasts and fungi When the system is noticeably fouled, apply 10 to 14,9 g C(M)IT/MIT (3:1) per m3 of water to be treated as post treatment after a shock dose of minimum 0,3 ppm of free chlorine. Contact time of 1 hour. Preventive application: Bacteria: When control is obtained, add a continuous or semi continuous feed of 2,5 to 5 g C(M)IT/MIT (3:1) per m3 of water to be treated. **Preliminary steps prior to addition:** The biocidal product is automatically dosed to system. Manual handling is necessary for the loading of containers containing the biocidal product into the dosing systems. **Application Frequency:** Nominally every 2 to 3 days or as needed to obtain control. Repeat until fouling is reduced to an acceptable level for controlling the microbial growth.
Category(ies) of users	Industrial
Pack sizes and packaging material	For industrial and professional users: - HDPE flask: 5 L (nominal) - HDPE Pail / Jerrycan: 10 L, 20 L, 25 L, 30 L (nominal) - Box with HDPE liner: 20 L - HDPE Drum: 110 L, 120 L, 200 L, 260 L - HDPE IBC: 650 L, 800 L, 1000 L, 1250 L All products should be transport and stored in a vented room.

4.2.1 Use-specific instructions for use

- Respect the conditions of use of the product (concentration, contact time, temperature, pH, etc.).
- The CMIT/MIT biocidal products are used after a shock dose of free chlorine in this application as standard industry practice.

4.2.2 Use-specific risk mitigation measures

- Rinse the system (especially the dispensing pumps) with water prior to perform the cleaning step.
- During mixing and loading and cleaning of the dispensing pumps, exposure to the product (corrosive and skin sensitizer product) has to be limited by use of PPE and application of technical and organisational RMM:
• Minimisation of manual phases (process automation);
• Use of a dosing device;
• Regular cleaning of equipment and work area;
• Avoidance of contact with contaminated tools and objects;
• Good standard of general ventilation;
• Training and management of staff on good practice.
- PPE is as follows:
• protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information);
• protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product shall be worn (coverall material to

be specified by the authorisation holder within the product information);
• Eye protection;
• Substance/task appropriate respirator if ventilation is inadequate.

4.2.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general directions for use.

4.2.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general directions for use.

4.2.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See general directions for use.

4.3 Use description

Use 3 -
Long term offline preservation of reverse osmosis membranes used in potable water

Product type	PT04 - Food and feed area (Disinfectants)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage:
Field(s) of use	Indoor Long term offline preservation of reverse osmosis membranes used in potable water The C(M)IT/MIT (3:1) biocidal product is recommended for controlling biological growth in off-line trains reverse osmosis membranes producing potable water for extended periods of time.
Application method(s)	Method: Closed system Detailed description: Manual and automated dosing. It is recommended that fouled membranes be cleaned prior to shut-down and preservation. Please refer to RO /NF supplier manual for membrane cleaning and system shutdown procedures.

	The biocidal product should be dispensed as a tankside additive into the circulating use-dilution of the fluid, using a metering pump or by manual pouring, at a point to assure adequate mixing throughout the system. After complete filling of the trains RO/NF systems with the biocide solution, pumps are stopped (Off line treatment) for extended periods of time. Typically C(M)IT/MIT (3:1) solutions are prepared in the CIP (cleaning in place) tank and added via the dosing system. Dilution with the permeate water or high quality water is recommended for the preparation of the biocide solution. Membranes should be soaked in the biocide solution during the shut-down period.
Application rate(s) and frequencies	Application Rate: 7,5 -20 g of C(M)IT/MIT (3:1)/ m3 of water Dilution (%): - Number and timing of application: 7,5 -20 g of C(M)IT/MIT (3:1)/ m3 of water
Category(ies) of users	Industrial
Pack sizes and packaging material	For industrial and professional users: - HDPE flask: 5 L (nominal) - HDPE Pail / Jerrycan: 10 L, 20 L, 25 L, 30 L (nominal) - Box with HDPE liner: 20 L - HDPE Drum: 110 L, 120 L, 200 L, 260 L - HDPE IBC: 650 L, 800 L, 1000 L, 1250 L All products should be transport and stored in a vented room.

4.3.1 Use-specific instructions for use

- Respect the conditions of use of the product (concentration, contact time, temperature, pH, etc.).
- Prior to taking the membranes back on-line, flush carefully the elements with permeate water in order to eliminate all the residual biocidal product.

4.3.2 Use-specific risk mitigation measures

- Rinse the system (especially the dispensing pumps) with water prior to perform the cleaning step.
- During mixing and loading and cleaning of the whole system, exposure to the product (corrosive and skin sensitizer product) has to be limited by use of PPE and application of technical and organisational RMM:
• Minimisation of manual phases (process automation);
• Use of a dosing device;
• Regular cleaning of equipment and work area;
• Avoidance of contact with contaminated tools and objects;

• Good standard of general ventilation;
• Training and management of staff on good practice.
- PPE is as follows:
• protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information);
• protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information);
• Eye protection;
• Substance/task appropriate respirator if ventilation is inadequate.

4.3.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general directions for use.

4.3.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general directions for use.

4.3.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See general directions for use.

4.4 Use description

Use 4 -
Preservation of paints and coatings

Product type	PT06 - Preservatives for products during storage (Preservatives)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage: Scientific name: Common name: Yeasts Development stage:
Field(s) of use	Indoor Outdoor Preservation of paints and coatings (including electrodeposition) The biocidal product is recommended to control the growth of bacteria and yeasts in coatings applied by an electrodeposition process and associated rinse systems and in water-based paints and coatings in storage containers before use.

Application method(s)	Method: Closed system Detailed description: Manual and automated dosing. The biocidal product should be dispensed as a tankside additive into the fluid, using a metering pump or by manual pouring, at a point to assure adequate mixing throughout the system.
Application rate(s) and frequencies	Application Rate: Industrial uses: 1,5 - 14,5 % C(M)IT/MIT in the biocidal products; Professional paints and general public paints: 7,5-14,9 mg/kg C(M)IT/MIT (3:1) in final product. Dilution (%): - Number and timing of application: The biocidal product is added at the time of manufacture, storage or shipment. Industrial uses: 1,5 - 14,5 % C(M)IT/MIT in the biocidal products. Professional paints and general public paints: 7,5-14,9 mg/kg C(M)IT/MIT (3:1) in final product. For the biocidal product as supplied: for industrial use only.
Category(ies) of users	Industrial
Pack sizes and packaging material	For industrial and professional users: - HDPE flask: 5 L (nominal) - HDPE Pail / Jerrycan: 10 L, 20 L, 25 L, 30 L (nominal) - Box with HDPE liner: 20 L - HDPE Drum: 110 L, 120 L, 200 L, 260 L - HDPE IBC: 650 L, 800 L, 1000 L, 1250 L All products should be transport and stored in a vented room.

4.4.1 Use-specific instructions for use

- The preservative can be added at any stage of the production of the product.

- Earliest possible addition is recommended for optimal protection.

- Consult the manufacturer to determine the optimal dosage for the various products to be preserved.

- It is recommended that the optimum biocide concentration and compatibility with individual formulations is determined by means of laboratory tests.

- The duration and storage conditions of the preserved matrices may impact the efficacy of the product, microbiological tests should be conducted to determine the appropriate application rate without exceeding the maximum authorised application rate.

- The biocidal product shall be used for treatment of products (articles/mixtures) distributed to professional users and to the general public.

4.4.2 Use-specific risk mitigation measures

- During handling phases of products from Meta SPC 1, 2, 3 and 4 (Mixing and Loading), exposure to the product (corrosive and skin sensitizer products) has to be limited by use of PPE and application of technical and organisational RMM:
• Minimisation of manual phases (process automation);
• Use of a dosing device;
• Regular cleaning of equipment and work area;
• Avoidance of contact with contaminated tools and objects;
• Good standard of general ventilation;
• Training and management of staff on good practice.
- PPE is as follows:
• protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information);
• protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information);
• Eye protection;
• Substance/task appropriate respirator if ventilation is inadequate.
- The maximal concentration of products from Meta SPC 1, 2, 3 and 4 to be added in paints used must be below the threshold value of 15 ppm.

4.4.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general directions for use.

4.4.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general directions for use.

4.4.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See general directions for use.

4.5 Use description

Use 5 -
Preservation of detergents and household products

Product type	PT06 - Preservatives for products during storage (Preservatives)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage: Scientific name: Common name: Yeasts Development stage: Scientific name: Common name: Fungi Development stage:
Field(s) of use	Indoor Preservation of detergents (washing and cleaning fluids) and household products. The biocidal product is recommended for the control of bacteria, yeast and fungi in detergents and cleaning fluids (i.e. hard surface cleaners (all-purpose cleaners), hand dish washing products, fabric softeners, laundry detergents), products used for car care, floor care, waxes, hard surface cleaners, pre-moistened sponges or mops, and the surfactants used in these types of products.
Application method(s)	Method: Closed system Detailed description: Manual and automated application. The biocidal product should be dispensed to the end use fluid at a point to ensure adequate mixing using preferably automated metering pump or by manual addition.
Application rate(s) and frequencies	Application Rate: Industrial uses: 1,5 - 14,5 % C(M)IT/MIT in the biocidal products; Professional and general public uses: 6-14,9 mg/kg C(M)IT/MIT (3:1) in final product. Dilution (%): - Number and timing of application: The biocidal product is added at single dose at the time of manufacturing, storage or shipment. To ensure uniform distribution, slowly disperse using automated metering or manual addition, into product with agitation. Mix thoroughly until evenly dispersed throughout the product. Institutional and Household products: (detergents, cleaners, softeners, etc.)

	Industrial uses: 1,5 - 14,5 % C(M)IT/MIT in the biocidal products. Professional and general public uses: 6-14,9 mg/kg C(M)IT/MIT (3:1) in final product. For the biocidal product as supplied: for industrial use only.
Category(ies) of users	Industrial
Pack sizes and packaging material	For industrial and professional users: - HDPE flask: 5 L (nominal) - HDPE Pail / Jerrycan: 10 L, 20 L, 25 L, 30 L (nominal) - Box with HDPE liner: 20 L - HDPE Drum: 110 L, 120 L, 200 L, 260 L - HDPE IBC: 650 L, 800 L, 1000 L, 1250 L All products should be transport and stored in a vented room.

4.5.1 Use-specific instructions for use

- The preservative can be added at any stage of the production of the product. - Earliest possible addition is recommended for optimal protection. - Consult the manufacturer to determine the optimal dosage for the various products to be preserved. - It is recommended that the optimum biocide concentration and compatibility with individual formulations is determined by means of laboratory tests. - The duration and storage conditions of the preserved matrices may impact the efficacy of the product, microbiological tests should be conducted to determine the appropriate application rate without exceeding the maximum authorised application rate. - The biocidal product shall be used for treatment of products (articles/mixtures) distributed to professional users and to the general

public.

4.5.2 Use-specific risk mitigation measures

- During handling phases of products from Meta SPC 1 and 3 (mixing and loading), exposure to the product (corrosive and skin sensitizer products) has to be limited by use of PPE and application of technical and organisational RMM:

• Minimisation of manual phases (process automation);

• Use of a dosing device;

• Regular cleaning of equipment and work area;

• Avoidance of contact with contaminated tools and objects;

• Good standard of general ventilation;

• Training and management of staff on good practice.

- PPE is as follows:

• protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information);

• protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information);

• Eye protection;

• Substance/task appropriate respirator if ventilation is inadequate.

- The maximal concentration of products from Meta SPC 1 and 3 to be added in detergents and household products used must be below the threshold value of 15 ppm.

4.5.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general directions for use.

4.5.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general directions for use.

4.5.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See general directions for use.

4.6 Use description

Use 6 -
Preservation of fluids used in paper, textile and leather production - Curative treatment

Product type	PT06 - Preservatives for products during storage (Preservatives)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage:
Field(s) of use	Indoor Preservation of fluids used in paper, textile and leather production - The biocidal product is used to reduce contamination by bacteria in textile additives (woven and non-woven, natural and synthetic including silicone emulsions) processing chemicals, all chemicals used in the leather process industry and paper additives (e.g. water pigment pastes, starch, natural gums, synthetic and natural latexes, sizing agents, coating binders, retention aids, dyes, fluorescent whitening agents, wet-strength resins) used in paper mills. The biocidal product inhibits the growth microorganisms, which would otherwise lead to odours formation, viscosity alteration, discolouration of product and premature product failure.
Application method(s)	Method: Closed system Detailed description: Manual and automated dosing. The biocidal product should be dispensed to the end use fluid at a point to ensure adequate mixing using preferably automated metering pump or by manual addition.
Application rate(s) and frequencies	Application Rate: Industrial uses: 1,5 - 14,5 % C(M)IT/MIT in the biocidal products; Professional uses: 16 to 30 mg/kg of C(M)IT/MIT (3:1) in final product Dilution (%): - Number and timing of application: The biocidal product is added at single dose at time of manufacturing, storage or shipment. Industrial uses: 1,5 - 14,5 % C(M)IT/MIT in the biocidal products. Professional uses: Curative treatment: 16 to 30 mg/kg of C(M)IT/MIT (3:1) in final product Contact time: 24 hours

	For the biocidal product as supplied: for industrial use only.
Category(ies) of users	Industrial
Pack sizes and packaging material	For industrial and professional users: - HDPE flask: 5 L (nominal) - HDPE Pail / Jerrycan: 10 L, 20 L, 25 L, 30 L (nominal) - Box with HDPE liner: 20 L - HDPE Drum: 110 L, 120 L, 200 L, 260 L - HDPE IBC: 650 L, 800 L, 1000 L, 1250 L All products should be transport and stored in a vented room.

4.6.1 Use-specific instructions for use

- The preservative can be added at any stage of the production of the product.

- Earliest possible addition is recommended for optimal protection.

- Consult the manufacturer to determine the optimal dosage for the various products to be preserved.

- It is recommended that the optimum biocide concentration and compatibility with individual formulations is determined by means of laboratory tests.

- The duration and storage conditions of the preserved matrices may impact the efficacy of the product, microbiological tests should be conducted to determine the appropriate application rate without exceeding the maximum authorised application rate.

- The biocidal product shall be used for treatment of products (articles/mixtures) distributed only to professional users.

4.6.2 Use-specific risk mitigation measures

- During handling phases of products from Meta SPC 1, 2, 3 and 4 (mixing and loading), exposure to the product (corrosive and skin sensitizer products) has to be limited by use of PPE and application of technical and organisational RMM:
• Minimisation of manual phases (process automation);
• Use of a dosing device;
• Regular cleaning of equipment and work area;

• Avoidance of contact with contaminated tools and objects;
• Good standard of general ventilation;
• Training and management of staff on good practice.
- PPE is as follows:
• protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information);
• protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information);
• Eye protection;
• Substance/task appropriate respirator if ventilation is inadequate.

- The maximal products concentration used for the preservation of fluids used in paper, textile and leather production being above the threshold value of 15 ppm, exposure has to be limited by use of PPE protecting skin and mucous membranes potentially exposed and application of technical and organisational RMM:

• Minimisation of manual phases;

• Use of a dosing device;

• Regular cleaning of equipment and work area;

• Avoidance of contact with contaminated tools and objects;

• Good standard of general ventilation;

• Training and management of staff on good practice.

4.6.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general directions for use.

4.6.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general directions for use.

4.6.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See general directions for use.

4.7 Use description

Use 7 -
Preservation of glues and adhesives

Product type	PT06 - Preservatives for products during storage (Preservatives)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage: Scientific name: Common name: Yeasts Development stage:
Field(s) of use	Indoor Preservation of glues and adhesives The biocidal product is recommended to control the growth of bacteria and yeasts in water-soluble and water-dispersed synthetic and natural adhesives and tackifiers in storage containers before use
Application method(s)	Method: Closed system Detailed description: Manual and automated application. The biocidal product should be dispensed to the end use fluid at a point to ensure adequate mixing using preferably automated metering pump or by manual addition.
Application rate(s) and frequencies	Application Rate: Industrial uses: 1,5 - 14,5 % C(M)IT/MIT in the biocidal products; Professional uses: 8-30 mg/kg C(M)IT/MIT (3:1) in final product. General public uses: 8-14,9 mg/kg C(M)IT/MIT (3:1) in final product. Dilution (%): - Number and timing of application: The biocidal product is added at single dose at the time of manufacture, storage or shipment. To ensure uniform distribution, slowly disperse using automated metering or manual addition, into product with agitation. Mix thoroughly until evenly dispersed throughout the product. Industrial uses: 1,5 - 14,5 % C(M)IT/MIT in the biocidal products. Professional uses: 8-30 mg/kg C(M)IT/MIT (3:1) in final product. General public uses:

	8-14,9 mg/kg C(M)IT/MIT (3:1) in final product. For the biocidal product as supplied: for industrial use only.
Category(ies) of users	Industrial
Pack sizes and packaging material	For industrial and professional users: - HDPE flask: 5 L (nominal) - HDPE Pail / Jerrycan: 10 L, 20 L, 25 L, 30 L (nominal) - Box with HDPE liner: 20 L - HDPE Drum: 110 L, 120 L, 200 L, 260 L - HDPE IBC: 650 L, 800 L, 1000 L, 1250 L All products should be transport and stored in a vented room.

4.7.1 Use-specific instructions for use

- The preservative can be added at any stage of the production of the product.

- Earliest possible addition is recommended for optimal protection.

- Consult the manufacturer to determine the optimal dosage for the various products to be preserved.

- It is recommended that the optimum biocide concentration and compatibility with individual formulations is determined by means of laboratory tests.

- The duration and storage conditions of the preserved matrices may impact the efficacy of the product, microbiological tests should be conducted to determine the appropriate application rate without exceeding the maximum authorised application rate.

- The biocidal product shall be used for treatment of products (articles/mixtures) distributed to professional users and to the general public. For products distributed to the general public the maximal concentration used must be below the threshold value of 15 ppm.

4.7.2 Use-specific risk mitigation measures

- During handling phases of products from Meta SPC 1, 2, 3 and 4 (mixing and loading), exposure to the product (corrosive and skin sensitizer products) has to be limited by use of PPE and application of technical and organisational RMM:

• Minimisation of manual phases (process automation);

• Use of a dosing device;

• Regular cleaning of equipment and work area;

• Avoidance of contact with contaminated tools and objects;

• Good standard of general ventilation;

• Training and management of staff on good practice.

- PPE is as follows:

• protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information);

• protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information);

• Eye protection;

• Substance/task appropriate respirator if ventilation is inadequate.

- For professional users, the maximal products concentration used for the preservation of glues and adhesives being above the threshold value of 15 ppm, exposure has to be limited by use of PPE, protecting skin and mucous membranes potentially exposed, and application of technical and organisational RMM:

• Minimisation of manual phases;

• Use of a dosing device;

• Regular cleaning of equipment and work area;

• Good standard of general ventilation;

• Training and management of staff on good practice.

4.7.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general directions for use.

4.7.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general directions for use.

4.7.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See general directions for use.

4.8 Use description

Use 8 -
Preservation of polymer lattices

Product type	PT06 - Preservatives for products during storage (Preservatives)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage: Scientific name: Common name: Yeasts Development stage: Scientific name: Common name: Fungi Development stage:
Field(s) of use	Indoor Preservation of polymer latexes The biocidal product is recommended for the control of bacteria, yeast and fungi in the manufacture, storage, and transport of latexes, synthetic polymers including Hydrolysed Poly Acryl Amide (HPAM) and biopolymers (e.g. xanthan, dextran..) natural latexes.
Application method(s)	Method: Closed system Detailed description: Manual and automated application.

	The biocidal product should be dispensed to the end use fluid at a point to ensure adequate mixing using preferably automated metering pump or by manual addition.
Application rate(s) and frequencies	Application Rate: Industrial uses: 1,5 - 14,5 % C(M)IT/MIT in the biocidal products; Professional uses: 14,9 - 50 mg /kg of C(M)IT/MIT (3:1) in final product. Dilution (%): - Number and timing of application: The biocidal product is added at single dose at the time of manufacture, storage or shipment. To ensure uniform distribution, slowly disperse using automated metering or manual addition, into product with agitation. Mix thoroughly until evenly dispersed throughout the product. Industrial uses: 1,5 - 14,5 % C(M)IT/MIT in the biocidal products. Professional uses 14,9 - 50 mg /kg of C(M)IT/MIT (3:1) in final product. For the biocidal product as supplied: for industrial use only.
Category(ies) of users	Industrial
Pack sizes and packaging material	For industrial and professional users: - HDPE flask: 5 L (nominal) - HDPE Pail / Jerrycan: 10 L, 20 L, 25 L, 30 L (nominal) - Box with HDPE liner: 20 L - HDPE Drum: 110 L, 120 L, 200 L, 260 L - HDPE IBC: 650 L, 800 L, 1000 L, 1250 L All products should be transport and stored in a vented room.

4.8.1 Use-specific instructions for use

- The preservative can be added at any stage of the production of the product.

- Earliest possible addition is recommended for optimal protection.

- Consult the manufacturer to determine the optimal dosage for the various products to be preserved.

- It is recommended that the optimum biocide concentration and compatibility with individual formulations is determined by means of laboratory tests.

- The duration and storage conditions of the preserved matrices may impact the efficacy of the product, microbiological tests should be conducted to determine the appropriate application rate without exceeding the maximum authorised application rate.

- The biocidal product shall be used for treatment of products (articles/mixtures) distributed only to professional users.

4.8.2 Use-specific risk mitigation measures

- During handling phases of products from Meta SPC 1, 2, 3 and 4 (mixing and loading), exposure to the product (corrosive and skin sensitizer products) has to be limited by use of PPE and application of technical and organisational RMM:

• Minimisation of manual phases (process automation);

• Use of a dosing device;

• Regular cleaning of equipment and work area;

• Avoidance of contact with contaminated tools and objects;

• Good standard of general ventilation;

• Training and management of staff on good practice.

- PPE is as follows:

• protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information);

• protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information);

• Eye protection;

• Substance/task appropriate respirator if ventilation is inadequate.

- The maximal products concentration used for the preservation of polymer lattices being above the threshold value of 15 ppm, exposure has to be limited by use of PPE, protecting skin and mucous membranes potentially exposed, and application of technical

and organisational RMM:

• Minimisation of manual phases;

• Use of a dosing device;

• Regular cleaning of equipment and work area;

• Good standard of general ventilation;

• Training and management of staff on good practice.

4.8.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general directions for use.

4.8.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general directions for use.

4.8.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See general directions for use.

4.9 Use description

Use 9 -
Preservation of biocides and fertilizers

Product type	PT06 - Preservatives for products during storage (Preservatives)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage: Scientific name: Common name: Yeasts Development stage:

Field(s) of use	Indoor Outdoor Preservation of biocides and fertilizers The biocidal product is recommended to control the growth of bacteria and yeasts in fertilizers and biocidal products.
Application method(s)	Method: - Detailed description: Manual and automated application. The biocidal product should be dispensed to the end use fluid at a point to ensure adequate mixing using preferably automated metering pump or by manual addition.
Application rate(s) and frequencies	Application Rate: Industrial uses: 1,5 - 14,5 % C(M)IT/MIT in the biocidal products; Professional uses: 10- 30 mg/kg of C(M)IT/MIT (3:1) in final product. Dilution (%): - Number and timing of application: The biocidal product is added at single dose at the time of manufacture, storage or shipment. Industrial uses: 1,5 - 14,5 % C(M)IT/MIT in the biocidal products. Professional uses: 10- 30 mg/kg of C(M)IT/MIT (3:1) in final product. For the biocidal product as supplied: for industrial use only.
Category(ies) of users	Industrial
Pack sizes and packaging material	For industrial and professional users: - HDPE flask: 5 L (nominal) - HDPE Pail / Jerrycan: 10 L, 20 L, 25 L, 30 L (nominal)

- Box with HDPE liner: 20 L
- HDPE Drum: 110 L, 120 L, 200 L, 260 L
- HDPE IBC: 650 L, 800 L, 1000 L, 1250 L

All products should be transport and stored in a vented room.

4.9.1 Use-specific instructions for use

- The preservative can be added at any stage of the production of the product.

- Earliest possible addition is recommended for optimal protection.

- Consult the manufacturer to determine the optimal dosage for the various products to be preserved.

- It is recommended that the optimum biocide concentration and compatibility with individual formulations is determined by means of laboratory tests.

- The duration and storage conditions of the preserved matrices may impact the efficacy of the product, microbiological tests should be conducted to determine the appropriate application rate without exceeding the maximum authorised application rate.

- The biocidal product shall be used for treatment of products (articles/mixtures) distributed only to professional users.

4.9.2 Use-specific risk mitigation measures

- During handling phases of products from Meta SPC 1 and 3 (mixing and loading), exposure to the product (corrosive and skin sensitizer products) has to be limited by use of PPE and application of technical and organisational RMM:
• Minimisation of manual phases (process automation);
• Use of a dosing device;
• Regular cleaning of equipment and work area;
• Avoidance of contact with contaminated tools and objects;
• Good standard of general ventilation;
• Training and management of staff on good practice.

- PPE is as follows:
• protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information);
• protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information);
• Eye protection;
• Substance/task appropriate respirator if ventilation is inadequate.

- For professional users, the maximal products concentration used for the preservation of biocides and fertilizers being above the threshold value of 15 ppm, exposure has to be limited by use of PPE, protecting skin and mucous membranes potentially exposed, and application of technical and organisational RMM:
• Minimisation of manual phases;
• Use of a dosing device;
• Regular cleaning of equipment and work area;
• Good standard of general ventilation;
• Training and management of staff on good practice.

4.9.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general directions for use.

4.9.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general directions for use.

4.9.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See general directions for use.

4.10 Use description

Use 10 -
Preservation of mineral slurries

Product type	PT06 - Preservatives for products during storage (Preservatives)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage:
Field(s) of use	Indoor Preservation of mineral slurries The biocidal product is recommended to control the growth of bacteria in aqueous-based inorganic/mineral slurries and inorganic pigments which are formulated into paints, coatings and paper.
Application method(s)	Method: Closed system Detailed description: Manual and automated application. The biocidal product should be dispensed as a tankside additive into the circulating use-dilution of the fluid, using a metering pump or by manual pouring, at a point to assure adequate mixing throughout the system.

Application rate(s) and frequencies	Application Rate: Industrial uses: 1,5 - 14,5 % C(M)IT/MIT in the biocidal products; Professional uses: 10- 30 mg/kg of C(M)IT/MIT (3:1) in final product. Dilution (%): - Number and timing of application: The biocidal product is added at single dose at the time of manufacture, storage or shipment. Industrial uses: 1,5 - 14,5 % C(M)IT/MIT in the biocidal products. Professional uses: 10- 30 mg/kg of C(M)IT/MIT (3:1) in final product. For the biocidal product as supplied: for industrial use only.
Category(ies) of users	Industrial
Pack sizes and packaging material	For industrial and professional users: - HDPE flask: 5 L (nominal) - HDPE Pail / Jerrycan: 10 L, 20 L, 25 L, 30 L (nominal) - Box with HDPE liner: 20 L - HDPE Drum: 110 L, 120 L, 200 L, 260 L - HDPE IBC: 650 L, 800 L, 1000 L, 1250 L All products should be transport and stored in a vented room.

4.10.1 Use-specific instructions for use

- The preservative can be added at any stage of the production of the product.

- Earliest possible addition is recommended for optimal protection.

- Consult the manufacturer to determine the optimal dosage for the various products to be preserved.

- It is recommended that the optimum biocide concentration and compatibility with individual formulations is determined by means of laboratory tests.

- The duration and storage conditions of the preserved matrices may impact the efficacy of the product, microbiological tests should be conducted to determine the appropriate application rate without exceeding the maximum authorised application rate.

- The biocidal product shall be used for treatment of products (articles/mixtures) distributed only to professional users.

4.10.2 Use-specific risk mitigation measures

- During handling phases of products from Meta SPC 1, 2, 3 and 4 (mixing and loading), exposure to the product (corrosive and skin sensitizer products) has to be limited by use of PPE and application of technical and organisational RMM:

• Minimisation of manual phases (process automation);
• Use of a dosing device;
• Regular cleaning of equipment and work area;
• Avoidance of contact with contaminated tools and objects;

• Good standard of general ventilation;

• Training and management of staff on good practice.

- PPE is as follows:

• protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information);

• protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information);

• Eye protection;

• Substance/task appropriate respirator if ventilation is inadequate.

The maximal products concentration used for the preservation of mineral slurries being above the threshold value of 15 ppm, exposure has to be limited by use of PPE, protecting skin and mucous membranes potentially exposed, and application of technical and organisational RMM:

• Minimisation of manual phases;
• Use of a dosing device;
• Regular cleaning of equipment and work area;
• Good standard of general ventilation;
• Training and management of staff on good practice.

4.10.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general directions for use.

4.10.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general directions for use.

4.10.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See general directions for use.

4.11 Use description

Use 11 -
Preservation of building products applied indoor only

Product type	PT06 - Preservatives for products during storage (Preservatives)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage: Scientific name: Common name: Yeasts Development stage:
Field(s) of use	Indoor Preservation of building (construction) products (including sealants, caulks, plasters etc.) The biocidal product is recommended to control the growth of bacteria in building (construction) products (sealants, caulks, biopolymers, plasters, fillers, admixtures concrete additives, joints compounds,..).
Application method(s)	Method: - Detailed description: Manual and automated dosing. The biocidal product should be dispensed to the end use fluid at a point to ensure adequate mixing using preferably automated metering pump or by manual addition.
Application rate(s) and frequencies	Application Rate: Industrial uses: 1,5 - 14,5 % C(M)IT/MIT in the biocidal products; Professional uses: Add at typical use rate between 16,2-30 mg C(M)IT/MIT (3:1) per Kg final product to be treated. Dilution (%): - Number and timing of application:

	The biocidal product is added at single dose at the time of manufacture, storage or shipment. Slowly dispense using automated metering or manually. Mix thoroughly until the biocidal product is evenly dispersed. Industrial uses: 1,5 - 14,5 % C(M)IT/MIT in the biocidal products. Professional uses: Add at typical use rate between 16,2-30 mg C(M)IT/MIT (3:1) per Kg final product to be treated. For the biocidal product as supplied: for industrial use only.
Category(ies) of users	Industrial
Pack sizes and packaging material	For industrial and professional users: - HDPE flask: 5 L (nominal) - HDPE Pail / Jerrycan: 10 L, 20 L, 25 L, 30 L (nominal) - Box with HDPE liner: 20 L - HDPE Drum: 110 L, 120 L, 200 L, 260 L - HDPE IBC: 650 L, 800 L, 1000 L, 1250 L All products should be transport and stored in a vented room.

4.11.1 Use-specific instructions for use

- The preservative can be added at any stage of the production of the product.

- Earliest possible addition is recommended for optimal protection.

- Consult the manufacturer to determine the optimal dosage for the various products to be preserved.

- It is recommended that the optimum biocide concentration and compatibility with individual formulations is determined by means of laboratory tests.

- The duration and storage conditions of the preserved matrices may impact the efficacy of the product, microbiological tests should be conducted to determine the appropriate application rate without exceeding the maximum authorised application rate.

- The biocidal product shall be used for treatment of products (articles/mixtures) distributed only to professional users.

4.11.2 Use-specific risk mitigation measures

- This use is restricted to the preservation of building material applied indoor only.
- During handling phases for products from Meta SPC 1, 3 and 4 (mixing and loading), exposure to the product (corrosive and skin sensitizer products) has to be limited by use of PPE and application of technical and organisational RMM:
• Minimisation of manual phases (process automation);
• Use of a dosing device;
• Regular cleaning of equipment and work area;

• Avoidance of contact with contaminated tools and objects;

• Good standard of general ventilation;

• Training and management of staff on good practice.

- PPE is as follows:

• protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information);

• protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information);

• Eye protection;

• Substance/task appropriate respirator if ventilation is inadequate.

For professional users, the maximal products concentration used for the preservation of building products being above the threshold value of 15 ppm, exposure has to be limited by use of PPE, protecting skin and mucous membranes potentially exposed, and application of technical and organisational RMM:
• Minimisation of manual phases;
• Regular cleaning of equipment and work area;
• Good standard of general ventilation;
• Training and management of staff on good practice.

4.11.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general directions for use.

4.11.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general directions for use.

4.11.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See general directions for use.

4.12 Use description

Use 12 -
Preservation of electronic chemicals – Curative treatment

Product type	PT06 - Preservatives for products during storage (Preservatives)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage: Scientific name: Common name: Yeasts Development stage: Scientific name: Common name: Fungi Development stage:
Field(s) of use	Indoor Preservation of electronic chemicals The biocidal product is used to reduce contamination by bacteria, yeasts and fungi in electronic chemicals as Chemical Mechanical Polishing (CMP) silica slurries.
Application method(s)	Method: Closed system Detailed description: Manual and automated application. The biocidal product should be dispensed to the end use fluid at a point to ensure adequate mixing using preferably automated metering pump or by manual addition.
Application rate(s) and frequencies	Application Rate: Industrial uses: 1,5 - 14,5 % C(M)IT/MIT in the biocidal products; Professional uses: Add at typical use rate between 10-30 mg C(M)IT/MIT (3:1) per L final product to be treated. Dilution (%): - Number and timing of application: The biocidal product is added at single dose at the time of manufacture, storage or shipment. Slowly dispense using automated metering or manually. Mix thoroughly until the biocidal product is evenly dispersed. Industrial uses: 1,5 - 14,5 % C(M)IT/MIT in the biocidal products.

	Professional uses Curative treatment: 10-30 mg C(M)IT/MIT (3:1) per kg final product to be treated. Contact time: 7 days For the biocidal product as supplied: for industrial use only.
Category(ies) of users	Industrial
Pack sizes and packaging material	For industrial and professional users: - HDPE flask: 5 L (nominal) - HDPE Pail / Jerrycan: 10 L, 20 L, 25 L, 30 L (nominal) - Box with HDPE liner: 20 L - HDPE Drum: 110 L, 120 L, 200 L, 260 L - HDPE IBC: 650 L, 800 L, 1000 L, 1250 L All products should be transport and stored in a vented room.

4.12.1 Use-specific instructions for use

- The preservative can be added at any stage of the production of the product.

- Earliest possible addition is recommended for optimal protection.

- Consult the manufacturer to determine the optimal dosage for the various products to be preserved.

- It is recommended that the optimum biocide concentration and compatibility with individual formulations is determined by means of laboratory tests.

- The duration and storage conditions of the preserved matrices may impact the efficacy of the product, microbiological tests should be conducted to determine the appropriate application rate without exceeding the maximum authorised application rate.

- The biocidal product shall be used for treatment of products (articles/mixtures) distributed only to professional users.

4.12.2 Use-specific risk mitigation measures

- During handling phases for products from Meta SPC 3 (mixing and loading), exposure to the product (corrosive and skin sensitizer products) has to be limited by use of PPE and application of technical and organisational RMM:

• Minimisation of manual phases (process automation);

• Use of a dosing device;

• Regular cleaning of equipment and work area;

• Avoidance of contact with contaminated tools and objects;

• Good standard of general ventilation;

• Training and management of staff on good practice.

- PPE is as follows:

• protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information);
• protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information);
• Eye protection;
• Substance/task appropriate respirator if ventilation is inadequate.

- The maximal products concentration used for the preservation of electronic chemicals being above the threshold value of 15 ppm, exposure has to be limited by use of PPE, protecting skin and mucous membranes potentially exposed, and application of technical and organisational RMM:

• Minimisation of manual phases;

• Use of a dosing device;

• Regular cleaning of equipment and work area;

• Good standard of general ventilation;

• Training and management of staff on good practice.

4.12.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general directions for use.

4.12.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general directions for use.

4.12.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See general directions for use.

4.13 Use description

Use 13 -
Preservation of inks

Product type	PT06 - Preservatives for products during storage (Preservatives)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage: Scientific name: Common name: Yeasts Development stage:
Field(s) of use	Indoor Preservation of inks The biocidal product is recommended to control the growth of bacteria and yeasts in inks and ink components (printing inks lithographic, photographic, ink-jet fluids, water based dampening or fountain solutions inks used for textile printing). The biocidal product inhibits the growth of microorganisms, which would otherwise lead to odour formation, viscosity alteration, product discolouration and premature product failure.
Application method(s)	Method: Closed system Detailed description: Manual and automated dosing. The biocidal product should be dispensed to the end use fluid at a point to ensure adequate mixing using preferably automated metering pump or by manual addition.

Application rate(s) and frequencies	Application Rate: Industrial uses: 1,5 - 14,5 % C(M)IT/MIT in the biocidal products. Professional uses: 6-30 mg C(M)IT/MIT (3:1) /kg final product. General public uses: 6-14,9 mg C(M)IT/MIT (3:1) /kg final product. Dilution (%): - Number and timing of application: The biocidal product is added at single dose at time of manufacturing, storage or shipment. Industrial uses: 1,5 - 14,5 % C(M)IT/MIT in the biocidal products. Professional uses: 6-30 mg C(M)IT/MIT (3:1) /kg final product. General public uses: 6-14,9 mg C(M)IT/MIT (3:1) /kg final product. For the biocidal product as supplied: for industrial use only.
Category(ies) of users	Industrial
Pack sizes and packaging material	For industrial and professional users:- HDPE flask: 5 L (nominal)- HDPE Pail / Jerrycan: 10 L, 20 L, 25 L, 30 L (nominal)- Box with HDPE liner: 20 L - HDPE Drum: 110 L, 120 L, 200 L, 260 L- HDPE IBC: 650 L, 800 L, 1000 L, 1250 L All products should be transport and stored in a vented room.

4.13.1 Use-specific instructions for use

- The preservative can be added at any stage of the production of the product.

- Earliest possible addition is recommended for optimal protection.

- Consult the manufacturer to determine the optimal dosage for the various products to be preserved.

- It is recommended that the optimum biocide concentration and compatibility with individual formulations is determined by means of laboratory tests.

- The duration and storage conditions of the preserved matrices may impact the efficacy of the product, microbiological tests should be conducted to determine the appropriate application rate without exceeding the maximum authorised application rate.

- The biocidal product shall be used for treatment of products (articles/mixtures) distributed to professional users and to the general public. For products distributed to the general public the maximal concentration used must be below the threshold value of 15 ppm.

4.13.2 Use-specific risk mitigation measures

- During handling phases of products from Meta SPC 1, 2, 3 and 4 (mixing and loading), exposure to the product (corrosive and skin sensitizer products) has to be limited by use of PPE and application of technical and organisational RMM:

• Minimisation of manual phases (process automation);
• Use of a dosing device;
• Regular cleaning of equipment and work area;
• Avoidance of contact with contaminated tools and objects;
• Good standard of general ventilation;
• Training and management of staff on good practice.
- PPE is as follows:
• protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information);
• protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information);
• Eye protection;
• Substance/task appropriate respirator if ventilation is inadequate.

- For professional users, the maximal products concentration used for the preservation of inks being above the threshold value of 15 ppm, exposure has to be limited by use of PPE, protecting skin and mucous membranes potentially exposed, and application of technical and organisational RMM:

• Minimisation of manual phases;

• Use of a dosing device;

• Regular cleaning of equipment and work area;

• Good standard of general ventilation;

• Training and management of staff on good practice.

4.13.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general directions for use.

4.13.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general directions for use.

4.13.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See general directions for use.

4.14 Use description

Use 14 -
Preservation of functional fluids (hydraulic fluids, antifreeze, corrosion inhibitors, etc. - excluding fuel additives)

Product type	PT06 - Preservatives for products during storage (Preservatives)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage:
Field(s) of use	Indoor Preservation of functional fluids (hydraulic fluids, antifreeze, corrosion inhibitors, etc. - excluding fuel additives) The biocidal product is recommended to control the growth of bacteria in functional fluids such as brake and hydraulic fluids, antifreeze additives, corrosion inhibitors, spinning fluids. The biocidal product inhibits the growth microorganisms, which would

	otherwise lead to odours formation, viscosity alteration, discolouration of product and premature product failure.
Application method(s)	Method: Closed system Detailed description: Manual and automated dosing. The biocidal product should be dispensed to the end use fluid at a point to ensure adequate mixing using preferably automated metering pump or by manual addition.
Application rate(s) and frequencies	Application Rate: Industrial uses: 1,5 - 14,5 % C(M)IT/MIT in the biocidal products. Professional uses: Add at a typical use rate between 6 to 30 mg C(M)IT/MIT (3:1) per kg final product to be treated. Dilution (%): - Number and timing of application: The biocidal product is added at single dose at time of manufacturing, storage or shipment. Industrial uses: 1,5 - 14,5 % C(M)IT/MIT in the biocidal products. Professional uses: Add at a typical use rate between 6 to 30 mg C(M)IT/MIT (3:1) per kg final product to be treated For the biocidal product as supplied: for industrial use only.
Category(ies) of users	Industrial
Pack sizes and packaging material	For industrial and professional users: - HDPE flask: 5 L (nominal) - HDPE Pail / Jerrycan: 10 L, 20 L, 25 L, 30 L (nominal) - Box with HDPE liner: 20 L - HDPE Drum: 110 L, 120 L, 200 L, 260 L - HDPE IBC: 650 L, 800 L, 1000 L, 1250 L All products should be transport and stored in a vented room.

4.14.1 Use-specific instructions for use

- The preservative can be added at any stage of the production of the product.

- Earliest possible addition is recommended for optimal protection.

- Consult the manufacturer to determine the optimal dosage for the various products to be preserved.

- It is recommended that the optimum biocide concentration and compatibility with individual formulations is determined by means of laboratory tests.

- The duration and storage conditions of the preserved matrices may impact the efficacy of the product, microbiological tests should be conducted to determine the appropriate application rate without exceeding the maximum authorised application rate.

- The biocidal product shall be used for treatment of products (articles/mixtures) distributed only to professional users.

4.14.2 Use-specific risk mitigation measures

- During handling phases of products from Meta SPC 1, 2, 3 and 4 (mixing and loading), exposure to the product (corrosive and skin sensitizer products) has to be limited by use of PPE and application of technical and organisational RMM:

• Minimisation of manual phases (process automation);
• Use of a dosing device;
• Regular cleaning of equipment and work area;
• Avoidance of contact with contaminated tools and objects;
• Good standard of general ventilation;
• Training and management of staff on good practice.
- PPE is as follows:
• protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information);
• protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information);
• Eye protection;
• Substance/task appropriate respirator if ventilation is inadequate.

- The maximal products concentration used for the preservation of functional fluids (hydraulic fluids, antifreeze, corrosion inhibitors, etc…) being above the threshold value of 15 ppm, exposure has to be limited by use of PPE, protecting skin and mucous membranes potentially exposed, and application of technical and organisational RMM:

• Minimisation of manual phases;

• Use of a dosing device;

• Regular cleaning of equipment and work area;

• Good standard of general ventilation;

• Training and management of staff on good practice.

4.14.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general directions for use.

4.14.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general directions for use.

4.14.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See general directions for use.

4.15 Use description

Use 15 -
Preservation of laboratory reagents

Product type	PT06 - Preservatives for products during storage (Preservatives)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage: Scientific name: Common name: Yeasts Development stage:
Field(s) of use	Indoor Preservation of laboratory reagents . The biocidal product is recommended to control the growth of bacteria and yeasts in laboratory reagents.
Application method(s)	Method: Closed system Detailed description: Manual and automated dosing.

	The biocidal product should be dispensed to the end use fluid at a point to ensure adequate mixing using preferably automated metering pump or by manual addition.
Application rate(s) and frequencies	Application Rate: Industrial uses: 1,5 - 14,5 % C(M)IT/MIT in the biocidal products. Professional use: Add at typical use rate of 15,2 mg C(M)IT/MIT (3:1) per kg final product to be treated. Dilution (%): - Number and timing of application: The biocidal product is added at single dose at the time of manufacture, storage or shipment. Slowly dispense using automated metering or manually. Mix thoroughly until the biocidal product is evenly dispersed. Industrial uses: 1,5 - 14,5 % C(M)IT/MIT in the biocidal products. Professional use: Add at typical use rate of 15,2 mg C(M)IT/MIT (3:1) per kg final product to be treated. For the biocidal product as supplied: for industrial use only.
Category(ies) of users	Industrial
Pack sizes and packaging material	For industrial and professional users: - HDPE flask: 1 L - HDPE flask: 5 L (nominal) - HDPE Pail / Jerrycan: 10 L, 20 L, 25 L, 30 L (nominal) - Box with HDPE liner: 20 L - HDPE Drum: 110 L, 120 L, 200 L, 260 L - HDPE IBC: 650 L, 800 L, 1000 L, 1250 L All products should be transport and stored in a vented room.

4.15.1 Use-specific instructions for use

- The preservative can be added at any stage of the production of the product.

- Earliest possible addition is recommended for optimal protection.

- Consult the manufacturer to determine the optimal dosage for the various products to be preserved.

- It is recommended that the optimum biocide concentration and compatibility with individual formulations is determined by means of laboratory tests.

- The duration and storage conditions of the preserved matrices may impact the efficacy of the product, microbiological tests should be conducted to determine the appropriate application rate without exceeding the maximum authorised application rate.

- The biocidal product shall be used for treatment of products (articles/mixtures) distributed only to professional users.

4.15.2 Use-specific risk mitigation measures

- During handling phases for products from Meta SPC 1, 3 and 4 (mixing and loading), exposure to the product (corrosive and skin sensitizer products) has to be limited by use of PPE and application of technical and organisational RMM:
• Minimisation of manual phases (process automation);
• Use of a dosing device;
• Regular cleaning of equipment and work area;
• Avoidance of contact with contaminated tools and objects;
• Good standard of general ventilation;
• Training and management of staff on good practice.
- PPE is as follows:
• protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information);
• protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information);
• Eye protection;
• Substance/task appropriate respirator if ventilation is inadequate.

For professional users, the maximal products concentration used for the preservation of laboratory reagents being above the threshold value of 15 ppm, exposure has to be limited by use of PPE, protecting skin and mucous membranes potentially exposed, and application of technical and organisational RMM:

• Minimisation of manual phases;

• Use of a dosing device;

• Regular cleaning of equipment and work area;

• Good standard of general ventilation;

• Training and management of staff on good practice.

4.15.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general directions for use.

4.15.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general directions for use.

4.15.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See general directions for use.

4.16 Use description

Use 16 -
Offline preservation of industrial reverse osmosis membranes

Product type	PT06 - Preservatives for products during storage (Preservatives)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage:

Field(s) of use

	Indoor Offline preservation of industrial reverse osmosis membranes The biocidal product is recommended to control the growth of bacteria of reverse osmosis and nanofiltration membranes producing industrial water for extended periods of time.
Application method(s)	Method: Closed system Detailed description: Manual and automated dosing. The biocidal product should be dispensed as a tankside additive into the circulating use-dilution of the fluid, using a metering pump or by manual pouring, at a point to ensure adequate mixing throughout the system. After complete filling of the trains RO/NF systems with the biocide solution, pumps are stopped (Off line treatment) for extended periods of time. Typically C(M)IT/MIT (3:1) solutions are prepared in the CIP (cleaning in place) tank and added via the dosing system. Dilution with permeate water or high quality water is recommended for the preparation of the biocide solution. Membranes should be soaked in the biocide solution during the shut-down period.
Application rate(s) and frequencies	Application Rate: 7,5–20 g/m3 (ppm w/v) of C(M)IT/MIT (3:1). Dilution (%): - Number and timing of application: 7,5–20 g/m3 (ppm w/v) of C(M)IT/MIT (3:1).
Category(ies) of users	Industrial
Pack sizes and packaging material	For industrial and professional users: - HDPE flask: 5 L (nominal) - HDPE Pail / Jerrycan: 10 L, 20 L, 25 L, 30 L (nominal) - Box with HDPE liner: 20 L - HDPE Drum: 110 L, 120 L, 200 L, 260 L - HDPE IBC: 650 L, 800 L, 1000 L, 1250 L All products should be transport and stored in a vented room.

4.16.1 Use-specific instructions for use

- The preservative can be added at any stage of the production of the product.

- Earliest possible addition is recommended for optimal protection.

- Consult the manufacturer to determine the optimal dosage for the various products to be preserved.

- It is recommended that the optimum biocide concentration and compatibility with individual formulations is determined by means of laboratory tests.

- The duration and storage conditions of the preserved matrices may impact the efficacy of the product, microbiological tests should be conducted to determine the appropriate application rate without exceeding the maximum authorised application rate.

4.16.2 Use-specific risk mitigation measures

Rinse the system with water prior to perform the maintenance of the system.
- During handling phases for products from Meta SPC 1, 3 and 4 (mixing and loading), exposure to the product (corrosive and skin sensitizer products) has to be limited by use of PPE and application of technical and organisational RMM:
• Minimisation of manual phases (process automation);
• Use of a dosing device;
• Regular cleaning of equipment and work area;
• Avoidance of contact with contaminated tools and objects;
• Good standard of general ventilation;
• Training and management of staff on good practice.
- PPE is as follows:
• protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information);
• protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information);
• Eye protection;
• Substance/task appropriate respirator if ventilation is inadequate.

4.16.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general directions for use.

4.16.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general directions for use.

4.16.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See general directions for use.

4.17 Use description

Use 17 -
Preservation of liquids used in closed recirculating cooling systems

Product type	PT11 - Preservatives for liquid-cooling and processing systems (Preservatives)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria (including Legionella pneumophila) Development stage: Scientific name: Common name: Yeasts Development stage: Scientific name: Common name: Fungi Development stage:
Field(s) of use	Indoor Outdoor Preservation of liquids used in closed recirculating cooling systems (Closed re-circulating cooling water systems comprise compressor cooling, air conditioning chilled water, boilers, engine jacket cooling, power supply cooling, and other industrial processes). The biocidal product is used to control the growth of aerobes and anaerobes bacteria, yeast, fungi, and biofilm in the circulating water of closed systems
Application method(s)	Method: Closed system Detailed description: Manual and automated dosing.

Application rate(s) and frequencies	Application Rate: Curative efficacy:- against bacteria (including L. pneumophila) at 5 - 14,9 g C(M)IT/MIT (3:1) / m3 of water. Contact time: 24 hours - against biofilm: 14,9 g C(M)IT/MIT (3:1) / m3 of water. Contact time: 24 hours.- against fungi and yeasts at 1 – 3 g C(M)IT/MIT (3:1) / m3 of water. Contact time: 48 hours. Preventive efficacy:- against bacteria (including L. pneumophila) at 3 – 14,9 g C(M)IT/MIT (3:1) / m3 of water. - against biofilm (including L. pneumophila): 3 g C(M)IT/MIT (3:1) / m3 of water. Dilution (%): - Number and timing of application: Curative efficacy: - against bacteria (including L. pneumophila) at 5 - 14,9 g C(M)IT/MIT (3:1) / m3 of water. Contact time: 24 hours - against biofilm: 14,9 g C(M)IT/MIT (3:1) / m3 of water. Contact time: 24 hours - against fungi and yeasts at 1 – 3 g C(M)IT/MIT (3:1) / m3 of water. Contact time: 48 hours Preventive efficacy: against bacteria (including L. pneumophila) at 3 – 14,9 g C(M)IT/MIT (3:1) / m3 of water. against biofilm (including L. pneumophila): 3 g C(M)IT/MIT (3:1) / m3 of water.
Category(ies) of users	Industrial
Pack sizes and packaging material	For industrial and professional users: - HDPE flask: 5 L (nominal) - HDPE Pail / Jerrycan: 10 L, 20 L, 25 L, 30 L (nominal) - Box with HDPE liner: 20 L - HDPE Drum: 110 L, 120 L, 200 L, 260 L - HDPE IBC: 650 L, 800 L, 1000 L, 1250 L All products should be transport and stored in a vented room.

4.17.1 Use-specific instructions for use

Microbiological tests to prove adequacy of preservation have to be undertaken by the user of C(M)IT/MIT products in order to determine the effective dose of the preservative for the specific matrix/location/system. If needed, consult the manufacturer of the preservative product.

4.17.2 Use-specific risk mitigation measures

- Rinse the system (especially the dispensing pumps) with water prior to perform the cleaning step.

- During handling phases (mixing and loading) and cleaning of the dispensing pumps, exposure to the product (corrosive and skin sensitizer product) has to be limited by use of PPE and application of technical and organisational RMM:
• Minimisation of manual phases (process automation);

• Use of a dosing device;
• Regular cleaning of equipment and work area;
• Avoidance of contact with contaminated tools and objects;
• Good standard of general ventilation;
• Training and management of staff on good practice.
- PPE is as follows:
• protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information);
• protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information);
• Eye protection;
• Substance/task appropriate respirator if ventilation is inadequate.

4.17.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general directions for use.

4.17.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general directions for use.

4.17.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See general directions for use.

4.18 Use description

Use 18 -
Preservation of liquids used in small open recirculating cooling systems

Product type	PT11 - Preservatives for liquid-cooling and processing systems (Preservatives)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria (including Legionella pneumophila) Development stage: Scientific name: Common name: Yeasts Development stage:

	Scientific name: Common name: Fungi Development stage: Scientific name: Common name: Algae (green algae and cyanobacteria) Development stage:
Field(s) of use	Indoor Outdoor Preservation of liquids used in small open recirculating cooling systems (blowdown and recirculating flow rates, as well as total volume of water limited to 2 m3/h, and 100 m3/h and 300 m3 respectively) Process and cooling water: Used to control the growth of bacteria, algae, fungi and biofilm
Application method(s)	Method: Open system Detailed description: Manual and automated dosing. .
Application rate(s) and frequencies	Application Rate: Curative treatment Against bacteria (including L. pneumophila) at 5 – 14,9 g C(M)IT/MIT (3:1) / m3 of water , - against biofilm (including L. pneumophila) at 1,5 to 14,9 g C(M)IT/MIT (3:1) / m3 of water, - against fungi (including yeast) at 1 – 14,9 g C(M)IT/MIT (3:1) / m3 of water. Preventive treatment: - Against bacteria, green algae and cyanobacteria at 3 g C(M)IT/MIT (3:1) / m3 of water, - against biofilm (including L. pneumophila) at 3 g C(M)IT/MIT (3:1) / m3 of water. Dilution (%): - Number and timing of application: Curative treatment: - Against bacteria (including L. pneumophila) at 5 – 14,9 g C(M)IT/MIT (3:1) / m3 of water Contact time: 24 hours - against biofilm (including L. pneumophila) at 1,5 - 14,9 g C(M)IT/MIT (3:1) / m3 of water Contact time: 48 hours. - against fungi and yeast at 1 – 14,9 g C(M)IT/MIT (3:1) / m3 of water Contact time: 48 hours.

	Preventive treatment: - against bacteria, green algae and cyanobacteria at 3 g C(M)IT/MIT (3:1) / m3 of water. - against biofilm (including L. pneumophila) at 3 g C(M)IT/MIT (3:1) / m3 of water.
Category(ies) of users	Industrial
Pack sizes and packaging material	For industrial and professional users: - HDPE flask: 5 L (nominal) - HDPE Pail / Jerrycan: 10 L, 20 L, 25 L, 30 L (nominal) - Box with HDPE liner: 20 L - HDPE Drum: 110 L, 120 L, 200 L, 260 L - HDPE IBC: 650 L, 800 L, 1000 L, 1250 L All products should be transport and stored in a vented room.

4.18.1 Use-specific instructions for use

Microbiological tests to prove adequacy of preservation have to be undertaken by the user of C(M)IT/MIT products in order to determine the effective dose of the preservative for the specific matrix/location/system. If needed, consult the manufacturer of the preservative product.

4.18.2 Use-specific risk mitigation measures

- Rinse the system (especially the dispensing pumps) with water prior to perform the cleaning step.

- During handling phases (mixing and loading) and cleaning of the dispensing pumps, exposure to the product (corrosive and skin sensitizer product) has to be limited by use of PPE and application of technical and organisational RMM:
• Minimisation of manual phases (process automation);
• Use of a dosing device;
• Regular cleaning of equipment and work area;
• Avoidance of contact with contaminated tools and objects;
• Good standard of general ventilation;
• Training and management of staff on good practice.
- PPE is as follows:
• protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information);

• protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information);
• Eye protection;
• Substance/task appropriate respirator if ventilation is inadequate.

- Cooling fluid must not enter surface water directly. Use product only in premises that are connected to a STP.

- The product can only be used when the cooling towers are equipped with drift eliminators that reduce the drift at least by 99%.

4.18.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general directions for use.

4.18.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general directions for use.

4.18.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See general directions for use.

4.19 Use description

Use 19 -
Preservation of liquids used in pasteurizers, conveyor belts and air washers

Product type	PT11 - Preservatives for liquid-cooling and processing systems (Preservatives)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria (including Legionella pneumophila) Development stage: Scientific name: Common name: Yeasts Development stage: Scientific name: Common name: Fungi Development stage: Scientific name: Common name: Algae (green algae and cyanobacteria) Development stage:
Field(s) of use	Indoor Outdoor

	Preservation of liquids used in non-food pasteurizers and conveyor belts, air washers.
Application method(s)	Method: - Detailed description: The biocidal product is dosed automatically in the heat transfer fluid, in a place of good mixing (e.g. collecting sump below the conveyor belt). The feeding pipe is used to dose the biocidal product below the water level in order to limit its evaporation.
Application rate(s) and frequencies	Application Rate: Curative treatment: -against bacteria (including L. pneumophila): 5 - 14,9 g C(M)IT/MIT (3:1) / m3 of water - against biofilm (including L. pneumophila) at 1,5 - 14,9 g C(M)IT/MIT (3:1) / m3 of water - against fungi and yeast at 1 – 14,9 g C(M)IT/MIT (3:1) / m3 of water. Preventive treatment: Against bacteria, green algae and cyanobacteria at 3 g C(M)IT/MIT (3:1) / m3 of water, against biofilm (including L. pneumophila) at 3 g C(M)IT/MIT (3:1) / m3 of water. Dilution (%): - Number and timing of application: Curative treatment: against bacteria (including L. pneumophila): 5 - 14,9 g C(M)IT/MIT (3:1) / m3 of water. Contact time: 24 hours - against biofilm (including L. pneumophila) at 1,5 - 14,9 g C(M)IT/MIT (3:1) / m3 of water Contact time: 48 hours. - against fungi and yeast at 1 – 14,9 g C(M)IT/MIT (3:1) / m3 of water Contact time: 48 hours. Preventive treatment: - Against bacteria, green algae and cyanobacteria at 3 g C(M)IT/MIT (3:1) / m3 of water. - against biofilm (including L. pneumophila) at 3 g C(M)IT/MIT (3:1) / m3 of water.
Category(ies) of users	Industrial
Pack sizes and packaging material	For industrial and professional users: - HDPE flask: 5 L (nominal)

- HDPE Pail / Jerrycan: 10 L, 20 L, 25 L, 30 L (nominal)
- Box with HDPE liner: 20 L
- HDPE Drum: 110 L, 120 L, 200 L, 260 L
- HDPE IBC: 650 L, 800 L, 1000 L, 1250 L

All products should be transport and stored in a vented room.

4.19.1 Use-specific instructions for use

Microbiological tests to prove adequacy of preservation have to be undertaken by the user of C(M)IT/MIT products in order to determine the effective dose of the preservative for the specific matrix/location/system. If needed, consult the manufacturer of the preservative product.

Air washers: For use only in industrial air-washer systems that maintain effective mist eliminating components.

4.19.2 Use-specific risk mitigation measures

- Rinse the system (especially the dispensing pumps) with water prior to perform the cleaning step.

- During handling phases (mixing and loading) and cleaning of the dispensing pumps, exposure to the product (corrosive and skin sensitizer product) has to be limited by use of PPE and application of technical and organisational RMM:

• Minimisation of manual phases (process automation);
• Use of a dosing device;
• Regular cleaning of equipment and work area;
• Avoidance of contact with contaminated tools and objects;
• Good standard of general ventilation;
• Training and management of staff on good practice.
- PPE is as follows:
• protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information);
• protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information);
• Eye protection;
• Substance/task appropriate respirator if ventilation is inadequate.

4.19.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general directions for use.

4.19.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general directions for use.

4.19.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See general directions for use.

4.20 Use description

Use 20 -
Preservation of wood treatment solutions

Product type	PT11 - Preservatives for liquid-cooling and processing systems (Preservatives)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: fungi Common name: other Development stage:
Field(s) of use	Indoor Outdoor Preservation of wood treatment solutions for application on wood of classes 1, 2 and 3 only. The biocidal product is used as a preservative for aqueous wood preservative treatment solution during the wet-state process used in timber treatment solutions.
Application method(s)	Method: - Detailed description: -
Application rate(s) and frequencies	Application Rate: Preventive treatment: against fungi: 15 - 50 g C(M)IT/MIT (3:1) / m3 of in use wood preservation solution Dilution (%): - Number and timing of application: Preventive treatment: against fungi: 15 - 50 g C(M)IT/MIT (3:1) / m3 of in use wood preservation solution

Category(ies) of users

	Industrial
Pack sizes and packaging material	For industrial and professional users: - HDPE flask: 5 L (nominal) - HDPE Pail / Jerrycan: 10 L, 20 L, 25 L, 30 L (nominal) - Box with HDPE liner: 20 L - HDPE Drum: 110 L, 120 L, 200 L, 260 L - HDPE IBC: 650 L, 800 L, 1000 L, 1250 L All products should be transport and stored in a vented room.

4.20.1 Use-specific instructions for use

Microbiological tests to prove adequacy of preservation have to be undertaken by the user of C(M)IT/MIT products in order to determine the effective dose of the preservative for the specific matrix/location/system. If needed, consult the manufacturer of the preservative product.
- The biocidal product is not intended to function as a wood preservative against wood destroying fungus relative to product type 8.

4.20.2 Use-specific risk mitigation measures

- During handling phases (mixing and loading) and cleaning phases, exposure to the product (corrosive and skin sensitizer product) has to be limited by use of PPE and application of technical and organisational RMM:

• Minimisation of manual phases (process automation);
• Use of a dosing device;
• Regular cleaning of equipment and work area;
• Avoidance of contact with contaminated tools and objects;
• Good standard of general ventilation;
• Training and management of staff on good practice.
- PPE is as follows:
• protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information);
• protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information);
• Eye protection;
• Substance/task appropriate respirator if ventilation is inadequate.

- The product shall not be used in a wood treatment solution to be applied to wood which may come in direct contact with food, feeding stuff and livestock animals

- The product can be used to preserve wood treatment solutions for the treatment of wood in use classes 1, 2 and 3 only.

- The product can be used in a wood treatment solution where the industrial application processes of wood treatment can be carried out within a contained area situated on impermeable hard standing with bunding to prevent run-off and a recovery system in place (e.g. sump).

- The product can be used in wood treatment solutions for the preservation of freshly treated timber, which after treatment is stored under shelter or on impermeable hard standing, or both, to prevent direct losses to soil, sewer or water. Any losses of wood treatment solution shall be collected for reuse or disposal.

- The product can be used only in wood treatment solutions for industrial application if these cannot be released to soil, ground- and surface water or any kind of sewer and the wood treatment solutions and/or the product are collected and reused or disposed of as hazardous waste.

- The biocidal product can be used only in wood treatment solutions used for the treatment of objects or materials which are stored until completely dried on impermeable ground and under roof, to avoid leakage into the soil.

4.20.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general directions for use.

4.20.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general directions for use.

4.20.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See general directions for use.

4.21 Use description

Use 21 -
Preservation of recirculating fluids used in textile and fiber processing, leather processing, photo-processing and fountain solution systems

Product type	PT11 - Preservatives for liquid-cooling and processing systems (Preservatives)

Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage:
Field(s) of use	Indoor Preservation of recirculating fluids used in textile, fiber processing, leather processing, photo-processing and fountain solution systems C(M)IT/MIT (3:1) biocidal products are used for the preservation of textile and spinning fluids, photo processing solutions, leather process (e.g. washing and soaking treatment stages) and printing fountain solutions to control the integrity of recirculating fluid by reducing microbial contamination in the bulk solution.
Application method(s)	Method: - Detailed description: Manual and automated dosing. The preservation of all end-products is performed in most cases highly automated by industrial users The biocidal product is added to the central sump, basin or recirculating lines in an area with adequate mixing.
Application rate(s) and frequencies	Application Rate: Curative treatment: Against bacteria at 16-30 mg C(M)IT/MIT (3:1) per L of fluid Dilution (%): - Number and timing of application: Curative treatment: Against bacteria at 16-30 mg C(M)IT/MIT (3:1) per L of fluid Contact time 5 days
Category(ies) of users	Industrial
Pack sizes and packaging material	For industrial and professional users: - HDPE flask: 5 L (nominal) - HDPE Pail / Jerrycan: 10 L, 20 L, 25 L, 30 L (nominal) - Box with HDPE liner: 20 L - HDPE Drum: 110 L, 120 L, 200 L, 260 L - HDPE IBC: 650 L, 800 L, 1000 L, 1250 L All products should be transport and stored in a vented room.

4.21.1 Use-specific instructions for use

Microbiological tests to prove adequacy of preservation have to be undertaken by the user of C(M)IT/MIT products in order to determine the effective dose of the preservative for the specific matrix/location/system. If needed, consult the manufacturer of the preservative product.

4.21.2 Use-specific risk mitigation measures

- Rinse the system (especially the dispensing pumps) with water prior to perform the cleaning step.
- During handling phases (mixing and loading) and cleaning of the dispensing pumps, exposure to the product (corrosive and skin sensitizer product) has to be limited by use of PPE and application of technical and organisational RMM:

• Minimisation of manual phases (process automation);
• Use of a dosing device;
• Regular cleaning of equipment and work area;
• Avoidance of contact with contaminated tools and objects;
• Good standard of general ventilation;
• Training and management of staff on good practice.
- PPE is as follows:
• protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information);
• protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information);
• Eye protection;
• Substance/task appropriate respirator if ventilation is inadequate.

- Liquids used in textile and fiber processing fluids must not enter surface water directly. Use product only in premises that are connected to a STP.

- Recirculating liquids in photoprocessing systems and fountain solution systems must not enter surface water directly. Use product only in premises that are connected to a STP.

4.21.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general directions for use.

4.21.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general directions for use.

4.21.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See general directions for use.

4.22 Use description

Use 22 -
Preservation of re-circulating liquids used in paint spray booths and electrodeposition coating systems

Product type	PT11 - Preservatives for liquid-cooling and processing systems (Preservatives)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage: Scientific name: Common name: Yeasts Development stage:
Field(s) of use	Indoor Preservation of re-circulating liquids used in paint spray booths and electrodeposition coating systems. The biocidal product is used for preservation of fluids in pre- treatment processes (Cleaning treatment for grease removal and soil, degreasing Phosphating process, Rinse off tanks) paint spray booths and electrodeposition coating systems (e.g. cataphoretic baths) applied in Car Refinishing and Original equipment Car Manufacturing to control the integrity of recirculating fluid by reducing microbial contamination from bacteria and fungi in the bulk solution.
Application method(s)	Method: - Detailed description: -
Application rate(s) and frequencies	Application Rate: Preventive treatment: 7,5 to 30 mg C(M)IT/MIT (3:1) per Kg final product. Dilution (%): - Number and timing of application: Preventive treatment: 7,5 to 30 mg C(M)IT/MIT (3:1) per Kg final product. The biocidal product is added at the time of manufacture, storage or shipment.
Category(ies) of users	Industrial
Pack sizes and packaging material	For industrial and professional users: - HDPE flask: 5 L (nominal) - HDPE Pail / Jerrycan: 10 L, 20 L, 25 L, 30 L (nominal) - Box with HDPE liner: 20 L - HDPE Drum: 110 L, 120 L, 200 L, 260 L - HDPE IBC: 650 L, 800 L, 1000 L, 1250 L All products should be transport and stored in a vented room.

4.22.1 Use-specific instructions for use

Microbiological tests to prove adequacy of preservation have to be undertaken by the user of C(M)IT/MIT products in order to determine the effective dose of the preservative for the specific matrix/location/system. If needed, consult the manufacturer of the preservative product.

4.22.2 Use-specific risk mitigation measures

- Rinse the system (especially the dispensing pumps) with water prior to perform the cleaning step.
- During handling phases (mixing and loading) and cleaning of the dispensing pumps, exposure to the product (corrosive and skin sensitizer product) has to be limited by use of PPE and application of technical and organisational RMM:

• Minimisation of manual phases (process automation);

• Use of a dosing device;
• Regular cleaning of equipment and work area;
• Avoidance of contact with contaminated tools and objects;
• Good standard of general ventilation;
• Training and management of staff on good practice.
- PPE is as follows:
• protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information);
• protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information);
• Eye protection;
• Substance/task appropriate respirator if ventilation is inadequate.

4.22.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general directions for use.

4.22.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general directions for use.

4.22.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See general directions for use.

4.23 Use description

Use 23 -
Preservation of liquids used in closed recirculating heating systems and associated pipework

Product type	PT11 - Preservatives for liquid-cooling and processing systems (Preservatives)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria (anaerobes and aerobes (including Legionella pneumophila) Development stage: Scientific name: Common name: Yeasts Development stage: Scientific name: Common name: Fungi Development stage:
Field(s) of use	Indoor Outdoor Preservation of liquids used in closed recirculating heating systems and associated pipework. Pre-commission biocide flushing of new or existing pipework systems (heating and chilling pipework) includes used or new structural pipework built on industrial building projects. Closed recirculating heating systems: pre-commission biocidal product flushing of new or existing pipework systems (heating and chilling pipework) includes used or new structural pipework built on industrial building projects. The biocidal product is used to control the growth of aerobic and anaerobic bacteria, fungi and biofilm in the circulating water of closed systems. Closed systems are less susceptible to corrosion, scaling and biological fouling than open systems. However microbial problems can occur, if the system is left filled and untreated. This is due to the presence of nitrite and glycols used as nutrients by microbes.
Application method(s)	Method: Closed system Detailed description: Manual and automated dosing. The biocidal product is dosed automatically in the heat transfer fluid, in a place of good mixing. The feeding pipe must dose the biocidal product below the water level in order to limit the evaporation of the biocidal product.
Application rate(s) and frequencies	Application Rate: Curative treatment - against bacteria at 5 g C(M)IT/MIT (3:1) / m3 of water (including L. pneumophila) - against biofilm at 14,9 g C(M)IT/MIT (3:1) / m3 of water - against fungi and yeast at 1 g C(M)IT/MIT / m3 of water Preventive treatment - against bacteria (including L. pneumophila) at 3 g C(M)IT/MIT (3:1) / m3 of water - against biofilm at 3 g C(M)IT/MIT (3:1) / m3 of water. Dilution (%): - Number and timing of application: Curative treatment:

	- against bacteria at 5 g C(M)IT/MIT (3:1) / m3 of water (including L. pneumophila) Contact time: 24 hours - against biofilm at 14,9 g C(M)IT/MIT (3:1) / m3 of water Contact time: 24 hours - against fungi and yeast at 1 g C(M)IT/MIT / m3 of water Contact time: 48 hours Preventive treatment - against bacteria (including L. pneumophila) at 3 g C(M)IT/MIT (3:1) / m3 of water and against biofilm at 3 g C(M)IT/MIT (3:1) / m3 of water.
Category(ies) of users	Industrial
Pack sizes and packaging material	For industrial and professional users: - HDPE flask: 5 L (nominal) - HDPE Pail / Jerrycan: 10 L, 20 L, 25 L, 30 L (nominal) - Box with HDPE liner: 20 L - HDPE Drum: 110 L, 120 L, 200 L, 260 L - HDPE IBC: 650 L, 800 L, 1000 L, 1250 L All products should be transport and stored in a vented room.

4.23.1 Use-specific instructions for use

Microbiological tests to prove adequacy of preservation have to be undertaken by the user of C(M)IT/MIT products in order to determine the effective dose of the preservative for the specific matrix/location/system. If needed, consult the manufacturer of the preservative product.

4.23.2 Use-specific risk mitigation measures

- Rinse the system (especially the dispensing pumps) with water prior to perform the cleaning step.
- During handling phases (mixing and loading) and cleaning of the dispensing pumps, exposure to the product (corrosive and skin sensitizer product) has to be limited by use of PPE and application of technical and organisational RMM:

• Minimisation of manual phases (process automation);
• Use of a dosing device;
• Regular cleaning of equipment and work area;
• Avoidance of contact with contaminated tools and objects;
• Good standard of general ventilation;
• Training and management of staff on good practice.
- PPE is as follows:
• protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information);
• protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information);
• Eye protection;
• Substance/task appropriate respirator if ventilation is inadequate.

4.23.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general directions for use.

4.23.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general directions for use.

4.23.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See general directions for use.

4.24 Use description

Use 24 -
Preservation of polymers used in oilfield processes (e.g. enhanced oil recovery, drilling muds, etc.)

Product type	PT11 - Preservatives for liquid-cooling and processing systems (Preservatives)
Where relevant, an exact description of the authorised use	-

Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage:
Field(s) of use	Outdoor Preservation of polymers used in oilfield processes (e.g. enhanced oil recovery, drilling muds, etc.)
Application method(s)	Method: - Detailed description: -
Application rate(s) and frequencies	Application Rate: Preventive treatment of polymers used in the injection water: Xanthan polymer: 30 -50 g C(M)IT/MIT/m3 solution. HPAM polymer: 30 - 50 g C(M)IT/MIT/m3 solution. Preventive treatment of polymers used in the drilling muds: Xanthan polymer: 30 g C(M)IT/MIT/m3 solution. HPAM polymer: 30 g C(M)IT/MIT/m3 solution. Dilution (%): - Number and timing of application: Preventive treatment of polymers used in the injection water: Xanthan polymer: 30 -50 g C(M)IT/MIT/m3 solution. HPAM polymer: 30 - 50 g C(M)IT/MIT/m3 solution. Preventive treatment of polymers used in the drilling muds: Xanthan polymer: 30 g C(M)IT/MIT/m3 solution. HPAM polymer: 30 g C(M)IT/MIT/m3 solution.
Category(ies) of users	Industrial
Pack sizes and packaging material	For industrial and professional users: - HDPE flask: 5 L (nominal) - HDPE Pail / Jerrycan: 10 L, 20 L, 25 L, 30 L (nominal) - Box with HDPE liner: 20 L - HDPE Drum: 110 L, 120 L, 200 L, 260 L - HDPE IBC: 650 L, 800 L, 1000 L, 1250 L

All products should be transport and stored in a vented room.

4.24.1 Use-specific instructions for use

Microbiological tests to prove adequacy of preservation have to be undertaken by the user of C(M)IT/MIT products in order to determine the effective dose of the preservative for the specific matrix/location/system. If needed, consult the manufacturer of the preservative product.

4.24.2 Use-specific risk mitigation measures

- Rinse the system (especially the dispensing pumps) with water prior to perform the cleaning step.
- During handling phases (mixing and loading) and cleaning of the dispensing pumps, exposure to the product (corrosive and skin sensitizer product) has to be limited by use of PPE and application of technical and organisational RMM:
• Minimisation of manual phases (process automation);
• Use of a dosing device;
• Regular cleaning of equipment and work area;
• Avoidance of contact with contaminated tools and objects;
• Good standard of general ventilation;
• Training and management of staff on good practice.
- PPE is as follows:
• protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information);
• protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information);
• Eye protection;
• Substance/task appropriate respirator if ventilation is inadequate.

4.24.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general directions for use.

4.24.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general directions for use.

4.24.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See general directions for use.

4.25 Use description

Use 25 -
Slimicide treatment in the de-inking process of the pulp and paper

Product type	PT12 - Slimicides (Preservatives)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage: Scientific name: Common name: Yeasts Development stage: Scientific name: Common name: Fungi Development stage:
Field(s) of use	Indoor Slimicide treatment in the de-inking process of the pulp and paper. Recycling paper /deinking paper mills. Deinking process is a manufacturing paper process of removing printing inks from waste paper-fibers to produce deinked pulp.
Application method(s)	Method: Closed system Detailed description: Manual and automated dosing. The biocidal product is automatically dosed by pump and fixed pipes into the circuit, usually in the pulper below the water level.
Application rate(s) and frequencies	Application Rate: Curative treatment: 10 to 14,9 g C(M)IT/MIT (3:1) / m3 of water to be treated. Preventive treatment: 5 g C(M)IT/MIT (3:1) / m3 of water to be treated. Dilution (%): - Number and timing of application: Curative treatment: 10 to 14,9 g C(M)IT/MIT (3:1) / m3 of water to be treated Contact time: 24 hours Preventive treatment: 5 g C(M)IT/MIT (3:1) / m3 of water to be treated.

Category(ies) of users	Industrial
Pack sizes and packaging material	For industrial and professional users: - HDPE flask: 5 L (nominal) - HDPE Pail / Jerrycan: 10 L, 20 L, 25 L, 30 L (nominal) - Box with HDPE liner: 20 L - HDPE Drum: 110 L, 120 L, 200 L, 260 L - HDPE IBC: 650 L, 800 L, 1000 L, 1250 L All products should be transport and stored in a vented room.

4.25.1 Use-specific instructions for use

Microbiological tests to prove adequacy of preservation have to be undertaken by the user of C(M)IT/MIT products in order to determine the effective dose of the preservative for the specific matrix/location/system. If needed, consult the manufacturer of the preservative product.

4.25.2 Use-specific risk mitigation measures

- Rinse the system (especially the dispensing pumps) with water prior to perform the cleaning step.

- During handling phases (mixing and loading) and cleaning of the dispensing pumps, exposure to the product (corrosive and skin sensitizer product) has to be limited by use of PPE and application of technical and organisational RMM:

• Minimisation of manual phases (process automation);
• Use of a dosing device;
• Regular cleaning of equipment and work area;
• Avoidance of contact with contaminated tools and objects;
• Good standard of general ventilation;
• Training and management of staff on good practice.
- PPE is as follows:
• protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information);
• protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information);
• Eye protection;
• Substance/task appropriate respirator if ventilation is inadequate.

4.25.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general directions for use.

4.25.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general directions for use.

4.25.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See general directions for use.

4.26 Use description

Use 26 -
Slimicide treatment in the wet-end stage of paper manufacturing process

Product type	PT12 - Slimicides (Preservatives)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage: Scientific name: Common name: Yeasts Development stage: Scientific name: Common name: Fungi Development stage:
Field(s) of use	Indoor Slimicide treatment in the wet-end stage of the paper manufacturing process (paper mills, wet-end stage (water circuits), and paper mills process system).
Application method(s)	Method: Closed system Detailed description: Manual and automated dosing.
Application rate(s) and frequencies	Application Rate: Curative treatment: 10 to 14,9 g C(M)IT/MIT (3:1) / m3 of water to be treated. Preventive treatment: 5 g C(M)IT/MIT (3:1) / m3 of water to be treated.

	Dilution (%): - Number and timing of application: Curative treatment: 10 to 14,9 g C(M)IT/MIT (3:1) / m3 of water to be treated Contact time: 24 hours Preventive treatment: 5 g C(M)IT/MIT (3:1) / m3 of water to be treated.
Category(ies) of users	Industrial
Pack sizes and packaging material	For industrial and professional users: - HDPE flask: 5 L (nominal) - HDPE Pail / Jerrycan: 10 L, 20 L, 25 L, 30 L (nominal) - Box with HDPE liner: 20 L - HDPE Drum: 110 L, 120 L, 200 L, 260 L - HDPE IBC: 650 L, 800 L, 1000 L, 1250 L All products should be transport and stored in a vented room.

4.26.1 Use-specific instructions for use

Microbiological tests to prove adequacy of preservation have to be undertaken by the user of C(M)IT/MIT products in order to determine the effective dose of the preservative for the specific matrix/location/system. If needed, consult the manufacturer of the preservative product.

4.26.2 Use-specific risk mitigation measures

- Rinse the system (especially the dispensing pumps) with water prior to perform the cleaning step.
- During handling phases (mixing and loading) and cleaning of the dispensing pumps, exposure to the product (corrosive and skin sensitizer product) has to be limited by use of PPE and application of technical and organisational RMM:

• Minimisation of manual phases (process automation);
• Use of a dosing device;
• Regular cleaning of equipment and work area;
• Avoidance of contact with contaminated tools and objects;
• Good standard of general ventilation;
• Training and management of staff on good practice.

- PPE is as follows:
• protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information);
• protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information);
• Eye protection;
• Substance/task appropriate respirator if ventilation is inadequate.

- The use of C(M)IT/MIT (3:1) containing products for the slimicide treatment in the wet-end stage of the paper manufacturing process is restricted to

(a) curative treatments in plants connected to a slimicide-free water from a pulp mill and only for the treatment of the short circulation of the paper mill; and

(b) preventive treatments,
and, for both cases, only if the factory's waste water is purified in an on-site (full) industrial sewage treatment plant with a minimal capacity of 5000 m^3 per day as described in the Industrial Emission Directive 2010/75/EU (Best Available Techniques for the production of pulp, paper and board) and if a dilution of at least 200 times in surface water is achieved after the industrial sewage treatment plant.

4.26.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general directions for use.

4.26.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general directions for use.

4.26.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See general directions for use.

4.27 Use description

Use 27 - Preventive treatment (biofouling control) online and after cleaning in place for industrial RO/NF membranes

Product type	PT12 - Slimicides (Preservatives)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage:
Field(s) of use	Indoor Preventive treatment (biofouling control) online and after cleaning in place for industrial RO/NF membranes
Application method(s)	Method: Closed system Detailed description: Manual and automated dosing. Biocidal product application on a routine basis will prevent biofilm growth on Reverse Osmosis or Nano Filtration membrane surfaces, feed spacer, filter media and pipework. The biocidal product should be dispensed to the feed water at a point to assure adequate mixing throughout the system.

Application rate(s) and frequencies	Application Rate: Preventive treatment: 5 g C(M)IT/MIT (3:1) per m3 of fluid Dilution (%): - Number and timing of application: Preventive treatment: 5 g C(M)IT/MIT (3:1) per m3 of fluid
Category(ies) of users	Industrial
Pack sizes and packaging material	For industrial and professional users: - HDPE flask: 5 L (nominal) - HDPE Pail / Jerrycan: 10 L, 20 L, 25 L, 30 L (nominal) - Box with HDPE liner: 20 L - HDPE Drum: 110 L, 120 L, 200 L, 260 L - HDPE IBC: 650 L, 800 L, 1000 L, 1250 L All products should be transport and stored in a vented room.

4.27.1 Use-specific instructions for use

Microbiological tests to prove adequacy of preservation have to be undertaken by the user of C(M)IT/MIT products in order to determine the effective dose of the preservative for the specific matrix/location/system. If needed, consult the manufacturer of the preservative product.

4.27.2 Use-specific risk mitigation measures

- Rinse the system (especially the dispensing pumps) with water prior to perform the cleaning step.
- During handling phases (mixing and loading) and cleaning of the dispensing pumps, exposure to the product (corrosive and skin sensitizer product) has to be limited by use of PPE and application of technical and organisational RMM:

• Minimisation of manual phases (process automation);
• Use of a dosing device;
• Regular cleaning of equipment and work area;
• Avoidance of contact with contaminated tools and objects;
• Good standard of general ventilation;
• Training and management of staff on good practice.
- PPE is as follows:
• protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information);
• protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information);
• Eye protection;
• Substance/task appropriate respirator if ventilation is inadequate.

- Use product only in premises that are connected to a STP.

4.27.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general directions for use.

4.27.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general directions for use.

4.27.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See general directions for use.

4.28 Use description

Use 28 -
Products to control microbial deterioration in fluids used for working or cutting metal, glass or other materials

Product type	PT13 - Working or cutting fluid preservatives (Preservatives)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: Common name: Bacteria Development stage: Scientific name: Common name: Yeasts Development stage: Scientific name: Common name: Fungi Development stage:
Field(s) of use	Indoor Products to control microbial deterioration in fluids used for working or cutting metal, glass or other materials The biocidal product is recommended to control the growth of bacteria and fungi in fluids used for metalworking fluids (cutting, grinding, rolling, drawing, etc.) metal surface treatment (aqueous multipurpose and de-watering rust cleaner fluids, etc.) and cutting fluids for glass or other materials.
Application method(s)	Method: - Detailed description: The biocidal product should be dispensed as a tankside additive into the circulating use-dilution of the fluid, using a metering pump or by manual pouring, at a point to assure adequate mixing throughout the system.

Application rate(s) and frequencies	Application Rate: Curative treatment: When the system is noticeably fouled, apply 14,9 g C(M)IT/MIT (3:1) per m3 of fluid to be treated. Preventive treatment: When control is obtained, adding 10 g C(M)IT/MIT (3:1) per m3 of fluid to be treated. Dilution (%): - Number and timing of application: Curative treatment: When the system is noticeably fouled, apply 14,9 g C(M)IT/MIT (3:1) per m3 of fluid to be treated. Contact time: 24h Preventive treatment: When control is obtained, adding 10 g C(M)IT/MIT (3:1) per m3 of fluid to be treated.
Category(ies) of users	Industrial
Pack sizes and packaging material	For industrial and professional users: - HDPE flask: 5 L (nominal) - HDPE Pail / Jerrycan: 10 L, 20 L, 25 L, 30 L (nominal) - Box with HDPE liner: 20 L - HDPE Drum: 110 L, 120 L, 200 L, 260 L - HDPE IBC: 650 L, 800 L, 1000 L, 1250 L All products should be transport and stored in a vented room.

4.28.1 Use-specific instructions for use

Microbiological tests to prove adequacy of preservation have to be undertaken by the user of C(M)IT/MIT products in order to determine the effective dose of the preservative for the specific matrix/location/system. If needed, consult the manufacturer of the preservative product.

4.28.2 Use-specific risk mitigation measures

- Rinse the system (especially the dispensing pumps) with water prior to perform the cleaning step.

- During handling phases (mixing and loading) and cleaning of the dispensing pumps, exposure to the product (corrosive and skin sensitizer product) has to be limited by use of PPE and application of technical and organisational RMM:

• Minimisation of manual phases (process automation);

• Use of a dosing device;
• Regular cleaning of equipment and work area;
• Avoidance of contact with contaminated tools and objects;
• Good standard of general ventilation;
• Training and management of staff on good practice.
- PPE is as follows:
• protective chemical resistant gloves (glove material to be specified by the authorisation holder within the product information);
• protective coverall (at least type 3 or 4, EN 14605) which is impermeable for the biocidal product shall be worn (coverall material to be specified by the authorisation holder within the product information);
• Eye protection;
• Substance/task appropriate respirator if ventilation is inadequate.

4.28.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

See general directions for use.

4.28.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

See general directions for use.

4.28.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

See general directions for use.

5. General directions for use

5.1. Instructions for use

- The duration of the effect is dependent on the performance requirements of the customer for their preserved material and on the specific ingredients composition and pH of the preserved product.

- Always read the label or leaflet before use and follow all the instructions provided.

- Respect the conditions of use of the product (concentration, contact time, temperature, pH, etc.)

PRECAUTIONARY MEASURES DURING STORAGE AND TRANSPORT:

Keep in a well-ventilated place. The product as supplied may evolve gas (largely carbon dioxide) slowly. To prevent the buildup of pressure the product is packaged in specially vented containers, where necessary. Keep this product in the original container when not in use. Container must be stored and transported in an upright position to prevent spilling the contents through the vent, where fitted.

5.2. Risk mitigation measures

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5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

- Skin contact: Remove contaminated clothing and shoes. Wash contaminated skin with water. Contact poison treatment specialist if symptoms occur.

- Eye contact: Immediately flush with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses if easy to do. Continue to rinse with tepid water for at least 30 minutes. Call 112/ambulance for medical assistance.

- Ingestion: Wash out mouth with water. Contact poison treatment specialist. Seek medical advice immediately if symptoms occur and/or large quantities have been ingested. Do not give fluids or induce vomiting.

- Inhalation (of spray mist): Remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical advice immediately if symptoms occur and/or large quantities have been inhaled.

- In case of impaired consciousness place in recovery position and seek medical advice immediately.

- Keep the container or label available.

5.4. Instructions for safe disposal of the product and its packaging

- Do not discharge unused product on the ground, into water courses, into pipes (e.g. sink, toilets) nor down the drains.

- Dispose of unused product, its packaging and all other waste, in accordance with local regulations.

5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

Conditions for safe storage, including any incompatibilities: Keep in a dry, cool and well-ventilated place, in the original container.

Shelf-life: 12 months
Protect from sunlight.
Recommendation: If a metal packaging is used, a varnish layer should be applied.

6. Other information

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