Summary of product characteristics for a biocidal product

Product name: KATHON™LX 1400 BIOCIDE

Product type(s): PT06 - Preservatives for products during storage (Preservatives)

PT06 - Preservatives for products during storage (Preservatives)

PT06 - Preservatives for products during storage (Preservatives)

PT06 - Preservatives for products during storage (Preservatives)

PT06 - Preservatives for products during storage (Preservatives)

PT06 - Preservatives for products during storage (Preservatives)

PT06 - Preservatives for products during storage (Preservatives)

PT06 - Preservatives for products during storage (Preservatives)

Authorisation number: EU-0025449-0000

R4BP 3 asset reference number: EU-0025449-0003

Table Of Contents

Administrative information

1.1. Trade names of the product

KATHON™ LX 1400 Biocide
KATHON™ LX 1400
AQUACIDE C 15 P
AQUACIDE C 21 P
AQUACIDE C 30 P
AQUACIDE C 140 P
BAC 416 P
BIOSTOP 140 P
BIOSTOP 15 P
BIOSTOP 21 P
BIOSTOP 30 P
CAT 3693 P
GWC 3363 P
GWC 3630 P
GWE 3693 P
IWC BACTERICIDE 416 P

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 1-2	

R4BP 3 asset reference number	EU-0025449-0003
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	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

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		20,5

2.2. Type of formulation

AL - Any other liquid

3. Hazard and precautionary statements

Hazard statements	May be corrosive to metals. Harmful if swallowed.Harmful if inhaled. Toxic in contact with skin. 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.
Precautionary statements	Do not breathe fume. Wash skin thoroughly after handling.

Do no eat, drink or smoke when using this product.

Use only outdoors or in a well-ventilated area.

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
.

Rinse mouth.

IF ON SKIN:Wash with plenty of water.

Take off contaminated clothing.And wash it before reuse.

IF SWALLOWED:Call a
POISON CENTER or doctor
if you feel unwell.

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.

Absorb spillage to prevent material damage.

Store in a corrosion-resistant container with a resistant inner liner.

4. Authorised use(s)

4.1 Use description

Use 1 -
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.

4.1.1 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.

4.1.2 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.

4.1.3 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 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.

4.2.1 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.

4.2.2 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.

4.2.3 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 -
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.

4.3.1 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.

4.3.2 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.

4.3.3 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 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.
	Method: Closed system

Application method(s)	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.

4.4.1 Use-specific instructions for use

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 only to professional users.

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 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.

4.4.3 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 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.

4.5.1 Use-specific instructions for use

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 only to professional users.

4.5.2 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.

4.5.3 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 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.

4.6.1 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

- 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.

4.6.3 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 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.

4.7.1 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 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.

4.7.3 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 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.

4.8.1 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 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.

4.8.3 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.

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

-

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.

Protect from frost
Shelf-life: 6 months
Protect from sunlight.
Recommendation: If a metal packaging is used, a varnish layer should be applied.

6. Other information

-