

EN

ANNEX

SUMMARY OF PRODUCT CHARACTERISTICS FOR A BIOCIDAL PRODUCT

mikrozid® classic liquid

Product type(s)

PT02: Disinfectants and algaecides not intended for direct application to humans or animals

PT04: Food and feed area

Authorisation number: EU-0023656-0000 1-3

R4BP asset number: EU-0023656-0003

1. ADMINISTRATIVE INFORMATION

1.1. Trade name(s) of the product

Trade name(s)	mikrozid® classic liquid mikrozid® IPA liquid Surface Disinfection liquid pure
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1.2. Authorisation holder

Name and address of the authorisation holder	Name	Schuelke & Mayr GmbH
	Address	Robert-Koch-Str. 2 22851 Norderstedt Germany
Authorisation number	EU-0023656-0000 1-3	
<i>R4BP asset number</i>	EU-0023656-0003	
Date of the authorisation	27/12/2020	
Expiry date of the authorisation	30/11/2030	

1.3. Manufacturer(s) of the product

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

Active substance	Propan-2-ol
Name of manufacturer	Ineos Solvents Germany GmbH (formerly Sasol)
Address of manufacturer	Römerstraße 733 47443 Moers Germany
Location of manufacturing sites	Römerstraße 733 47443 Moers Germany Shamrockstr. 88 44643 Herne Germany

Active substance	Propan-2-ol
Name of manufacturer	Shell Chemicals Europe B.V.
Address of manufacturer	Postbus 2334 3000 CH Rotterdam Netherlands (the)
Location of manufacturing sites	Shell Nederland Raffinaderij B.V., Vondelingenweg 601 3196 KK Rotterdam-Pernis Netherlands (the)

2. PRODUCT COMPOSITION AND FORMULATION

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

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Propan-2-ol		active substance	67-63-0	200-661-7	63,1 % (w/w)

2.2. Type(s) of formulation

Any other liquid (AL), ready-to-use

3. HAZARD AND PRECAUTIONARY STATEMENTS

Hazard statements	<p>H225: Highly flammable liquid and vapour.</p> <p>H319: Causes serious eye irritation.</p> <p>H336: May cause drowsiness or dizziness.</p> <p>EUH066: Repeated exposure may cause skin dryness or cracking.</p>
Precautionary statements	<p>P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P233: Keep container tightly closed.</p> <p>P240: Ground and bond container and receiving equipment.</p> <p>P241: Use explosion-proof electrical/ventilating/lighting equipment.</p> <p>P242: Use non-sparking tools.</p> <p>P243: Take actions to prevent static discharges.</p> <p>P261: Avoid breathing vapours.</p> <p>P261: Avoid breathing spray.</p> <p>P271: Use only outdoors or in a well-ventilated area.</p> <p>P280: Wear eye protection.</p> <p>P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P312: Call a POISON CENTER or doctor if you feel unwell.</p> <p>P337+P313: If eye irritation persists: Get medical advice.</p> <p>P337+P313: If eye irritation persists: Get medical attention.</p> <p>P370+P378: In case of fire: Use alcohol-resistant foam, carbon dioxide or water mist to extinguish.</p> <p>P403+P235: Store in a well-ventilated place. Keep cool.</p> <p>P405: Store locked up.</p> <p>P501: Dispose of contents to /container to an approved waste disposal plant.</p>

4. AUTHORISED USE(S)

4.1. Use description

Table 1.
Disinfection of surfaces - spraying

Product type	PT02: Disinfectants and algacides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	Scientific name: Bacteria including Mycobacterium tuberculosis Common name: - Development stage: - Scientific name: Yeast Common name: - Development stage: - Scientific name: viruses (limited spectrum virucidal activity) Common name: - Development stage: -
Field(s) of use	indoor use Disinfection of clean non-porous surfaces such as small work surfaces in medical and non-medical areas
Application method(s)	Method: Spraying Detailed description: Product will be sprayed directly on the surface
Application rate(s) and frequency	Application rate: Ready-to-use. Do not apply more than 25 ml/m ² . Dilution (%): - Number and timing of application: Disinfection when required according to SOP.
Category(ies) of users	industrial ; professional
Pack sizes and packaging material	Bottle: 250-1000 ml packaging material: HDPE, surlyn/PP closure material is either: PP, POM, LDPE, HDPE, PE, EVA, stainless steel, PBT, (LD)PE, exp. PTFE, LLDPE, EXPPE, Co Polymer PP canister: 5-30 litre packaging material: HDPE. closure material is either: HDPE/LDPE

	<p>Revolver BAG: 1 litre packaging material: EVA Closure : PP/Silicone/EVA</p> <p>drum: 200 - 220 litre packaging material: HDPE closure material is either: PP</p> <p>IBC:900-1000 litre</p> <p>packaging material: HDPE with steel frame closure material is either: PP, HDPE</p>
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4.1.1. Use-specific instructions

Spray ready-to-use product on the surface and allow to take effect at 20± 2°C for at least 1 minute (bactericidal and yeasticidal activity) or 2 minutes (limited spectrum virucidal activity).

4.1.2. Use-specific risk mitigation measures

The following personal risk mitigation measure can be applied for refilling procedure unless it can be replaced by technical and/or organisational measures: Wear eye protection during handling of the product.

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

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

Table 2.

Disinfection of surfaces - wiping

Product type	PT02: Disinfectants and algaecides not intended for direct application to humans or animals
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	<p>Scientific name: Bacteria including Mycobacterium tuberculosis Common name: - Development stage: -</p> <p>Scientific name: Yeast Common name: - Development stage: -</p> <p>Scientific name: viruses (limited spectrum virucidal activity) Common name: - Development stage: -</p>
Field(s) of use	<p>indoor use</p> <p>Disinfection of clean non-porous surfaces such as small work surfaces in medical and non-medical areas</p>
Application method(s)	<p>Method: Wiping</p> <p>Detailed description: Product will be sprayed or poured on the surface and wiped afterwards or the wipe will be wetted by spraying or pouring with the product and thereafter the product should be wiped on the surface.</p>
Application rate(s) and frequency	<p>Application rate: Ready-to-use. Do not apply more than 25 ml/m².</p> <p>Dilution (%): -</p> <p>Number and timing of application: Disinfection when required according to SOP.</p>
Category(ies) of users	industrial ; professional
Pack sizes and packaging material	<p>Bottle: 250-1000 ml packaging material: HDPE, surlyn/PP closure material is either: PP, POM, LDPE, HDPE, PE, EVA, stainless steel, PBT, (LD)PE, exp. PTFE, LLDPE, EXPPE, Co Polymer PP</p> <p>canister: 5-30 litre packaging material: HDPE. closure material is either: HDPE/LDPE</p>

	<p>Revolver BAG: 1 litre packaging material: EVA Closure : PP/Silicone/EVA</p> <p>drum: 200 - 220 litre packaging material: HDPE closure material is either: PP</p> <p>IBC:900-1000 litre</p> <p>packaging material: HDPE with steel frame closure material is either: PP, HDPE</p>
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4.2.1. Use-specific instructions

Spray or pour ready-to-use product on the surface and wipe afterwards or wet a wipe with the ready-to-use product by spraying or pouring and thereafter wipe the surface. Allow to take effect at $20 \pm 2^{\circ}\text{C}$ for at least 5 minutes (bactericidal, yeasticidal and limited spectrum virucidal activity).

4.2.2. Use-specific risk mitigation measures

The following personal risk mitigation measure can be applied for refilling procedure unless it can be replaced by technical and/or organisational measures: Wear eye protection during handling of the product.

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

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

Table 3.
Disinfection of surfaces with food and feed contact - spraying

Product type	PT04: Food and feed area
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	<p>Scientific name: Bacteria including Mycobacterium tuberculosis Common name: - Development stage: -</p> <p>Scientific name: Yeast Common name: - Development stage: -</p> <p>Scientific name: Viruses Common name: - Development stage: -</p>
Field(s) of use	<p>indoor use</p> <p>Disinfection of clean non-porous surfaces in kitchens and food industry</p>
Application method(s)	<p>Method: spraying</p> <p>Detailed description: Product will be sprayed directly on the surface.</p>
Application rate(s) and frequency	<p>Application rate: Ready-to-use. Do not apply more than 25 ml/m².</p> <p>Dilution (%): -</p> <p>Number and timing of application: Disinfection when required according to SOP.</p>
Category(ies) of users	industrial ; professional
Pack sizes and packaging material	<p>Bottle: 250-1000 ml packaging material: HDPE, surlyn/PP closure material is either: PP, POM, LDPE, HDPE, PE, EVA, stainless steel, PBT, (LD)PE, exp. PTFE, LLDPE, EXPPE, Co Polymer PP</p> <p>canister: 5-30 litre packaging material: HDPE. closure material is either: HDPE/LDPE</p>

	<p>Revolver BAG: 1 litre packaging material: EVA Closure : PP/Silicone/EVA</p> <p>drum: 200 - 220 litre packaging material: HDPE closure material is either: PP</p> <p>IBC: 900-1000 litre</p> <p>packaging material: HDPE with steel frame closure material is either: PP, HDPE</p>
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4.3.1. Use-specific instructions

Spray ready-to-use product on the surface and allow to take effect at room temperature (20± 2°C) for at least 1 (bactericidal and yeasticidal activity) or 2 minutes (virucidal activity).

4.3.2. Use-specific risk mitigation measures

The following personal risk mitigation measure can be applied for disinfection of food processing machinery and for refilling procedure unless it can be replaced by technical and/or organisational measures: Wear eye protection during handling of the product.

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

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

Table 4.

Disinfection of surfaces with food and feed contact - wiping

Product type	PT04: Food and feed area
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	<p>Scientific name: Bacteria including Mycobacterium tuberculosis Common name: - Development stage: -</p> <p>Scientific name: Yeast Common name: - Development stage: -</p> <p>Scientific name: Viruses Common name: - Development stage: -</p>
Field(s) of use	<p>indoor use</p> <p>Disinfection of clean non-porous surfaces in kitchens and food industry</p>
Application method(s)	<p>Method: Wiping</p> <p>Detailed description: Product will be sprayed or poured on the surface and wiped afterwards or the wipe will be wetted by spraying or pouring with the product and thereafter the product should be wiped on surface.</p>
Application rate(s) and frequency	<p>Application rate: Ready-to-use. Do not apply more than 25 ml/m².</p> <p>Dilution (%): -</p> <p>Number and timing of application: Disinfection when required according to SOP.</p>
Category(ies) of users	industrial ; professional
Pack sizes and packaging material	<p>Bottle: 250-1000 ml packaging material: HDPE, surlyn/PP closure material is either: PP, POM, LDPE, HDPE, PE, EVA, stainless steel, PBT, (LD)PE, exp. PTFE, LLDPE, EXPPE, Co Polymer PP</p> <p>canister: 5-30 litre packaging material: HDPE. closure material is either: HDPE/LDPE</p> <p>Revolver BAG: 1 litre</p>

	packaging material: EVA closure material: PP/Silicone/EVA drum: 200 - 220 litre packaging material: HDPE closure material is either: PP IBC: 900-1000 litre packaging material: HDPE with steel frame closure material is either: PP, HDPE
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4.4.1. Use-specific instructions

Spray or pour ready-to-use product on the surface and wipe afterwards or wet a wipe with the ready-to-use product by spraying or pouring and thereafter wipe the surface. Allow to take effect for at least 5 minutes at room temperature (20± 2°C).

4.4.2. Use-specific risk mitigation measures

The following personal risk mitigation measure can be applied for disinfection of food processing machinery and for refilling procedure unless it can be replaced by technical and/or organisational measures: Wear eye protection during handling of the product.

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

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.

5. GENERAL DIRECTIONS FOR USE¹

5.1. Instructions for use

Clean the surface carefully before use.

Remove excess water from the surface before disinfection, if appropriate.

Do not apply more than 25 ml/m².

Make sure to wet surfaces completely.

Used wipes must be disposed in a closed container.

5.2. Risk mitigation measures

The product must only be applied for disinfection of small surfaces.

Ensure adequate ventilation to prevent the formation of explosive atmospheres.

Avoid contact with eyes.

Apply a funnel for refilling.

Keep out of reach of children and pets.

Keep children and pets away from rooms where disinfection is taking place. Provide adequate ventilation before children and pets enter treated rooms. This does not apply to hospital patient rooms.

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

First aid:

In case of accident: Call a poison centre or a doctor.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

If on skin: Wash with water. If skin irritation occurs: Get medical advice.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. If eye irritation persists: Get medical advice/attention.

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

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

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

Shelf-life: 36 months

Keep container tightly closed.

Store in a well-ventilated place.

Protect from sunlight.

Store at room temperature in the original container.

¹Instructions for use, risk mitigation measures and other directions for use under this section are valid for any authorised uses.

6. OTHER INFORMATION

The product contains propan-2-ol (CAS No.: 67-63-0), for which a European reference value of 129,28 mg/m³ for the professional user was agreed and used for the risk assessment of the product.