

Summary of product characteristics for a biocidal product

Product name: APESIN Spray

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

PT04 - Food and feed area (Disinfectants)

Authorisation number: EU-0027671-0000

R4BP 3 asset reference number: EU-0027671-0000

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Administrative information

1.1. Trade names of the product

APESIN Spray
APESIN spray F
APESIN flex F
APESIN flex
APESIN express F
APESIN express

1.2. Authorisation holder

Name and address of the authorisation holder	Name	tana-Chemie GmbH
	Address	Rheinallee 96 55120 Mainz Germany
Authorisation number	EU-0027671-0000	
R4BP 3 asset reference number	EU-0027671-0000	
Date of the authorisation	27/06/2023	
Expiry date of the authorisation	31/07/2032	

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	tana-Chemie GmbH
Address of the manufacturer	Rheinallee 96 55120 Mainz Germany
Location of manufacturing sites	Werner & Mertz GmbH & Co KG, Neualmerstr. 13 5400 Hallein Austria
	Werner & Mertz GmbH, Rheinallee 96 55120 Mainz Germany

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

Active substance	1354 - Propan-1-ol
Name of the manufacturer	OQ Chemicals GmbH (formerly Oxea GmbH)
Address of the manufacturer	Rheinpromenade 4a 40789 Monheim am Rhein Germany
Location of manufacturing sites	OQ Chemicals Corporation (formerly Oxea Corporation), 2001 FM 3057 TX 77414 Bay City United States

Active substance	1354 - Propan-1-ol
Name of the manufacturer	BASF SE
Address of the manufacturer	Carl-Bosch-Str. 38 67056 Ludwigshafen Germany
Location of manufacturing sites	BASF SE, Carl-Bosch-Str. 38 67056 Ludwigshafen Germany

Active substance	1354 - Propan-1-ol
Name of the manufacturer	SASOL Chemie GmbH & Co. KG
Address of the manufacturer	Secunda Chemical Operations, Sasol Place, 50 Katherine Street 2090 Sandton South Africa
Location of manufacturing sites	Secunda Chemical Operations, PDP Kruger Street 2302 Secunda South Africa

Active substance	1355 - Propan-2-ol
Name of the manufacturer	INEOS Solvent Germany GmbH
Address of the manufacturer	Römerstrasse 733 47443 Moers Germany
Location of manufacturing sites	INEOS Solvent Germany GmbH, Römerstrasse 733 47443 Moers Germany
	INEOS Solvent Germany GmbH, Shamrockstrasse 88 44623 Herne Germany

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 (%)
Propan-1-ol		Active Substance	71-23-8	200-746-9	25
Propan-2-ol		Active Substance	67-63-0	200-661-7	40

2.2. Type of formulation

AL - Any other liquid

3. Hazard and precautionary statements

Hazard statements	<p>Flammable liquid and vapour.</p> <p>Causes serious eye damage.</p> <p>May cause drowsiness or dizziness.</p> <p>Repeated exposure may cause skin dryness or cracking.</p>
Precautionary statements	<p>Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. - No smoking.</p>

Keep container tightly closed.

Avoid breathing vapours.

Use only outdoors or in a well-ventilated area.

Wear eye protection..

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

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

Immediately call a POISON CENTER/doctor.

Store in a well-ventilated place.Keep cool.

Store locked up.

Dispose of container to an authorised waste collection point.

4. Authorised use(s)

4.1 Use description

Use 1 - hard non-porous small surface disinfection RTU liquid

Product type	PT02 - Disinfectants and algacides not intended for direct application to humans or animals (Disinfectants)
Where relevant, an exact description of the authorised use	Not relevant
Target organism(s) (including development stage)	<p>Scientific name: other Common name: Bacteria Development stage:</p> <p>Scientific name: other Common name: Yeasts Development stage:</p> <p>Scientific name: other Common name: viruses (limited spectrum virucidal activity) Development stage:</p>
Field(s) of use	<p>Indoor</p> <p>Health care facilities and pharmaceutical and cosmetic industry, for example patient-near surrounding, working areas/desks, general equipment (excluding food contact surfaces): disinfection of small hard/non-porous surfaces. For professional use only.</p>
Application method(s)	<p>Method: Manual application Detailed description: Ready-to-use surface disinfectant at room temperature (20±2 °C).</p>

	<p>The entire surface to be disinfected is wetted by pouring or spraying from a short distance and subsequently thoroughly wiped with a cloth. The amount of product should be sufficient (max. 50 ml/m² to keep the surface wet during the contact time.</p>
<p>Application rate(s) and frequencies</p>	<p>Application Rate: Minimum exposure time: • for the control of bacteria, yeasts and enveloped viruses: 60 sec • for the control of viruses (limited spectrum virucidal activity): 5 min Dilution (%): Ready-to-use product Number and timing of application: A reasonable frequency of disinfection in a patient's room is 1-2 per day. Maximum number of applications is 6 per day. No safety intervals need to be considered between the application phases.</p>
<p>Category(ies) of users</p>	<p>Industrial Professional</p>
<p>Pack sizes and packaging material</p>	<p>100, 500, 750 and 1000 ml transparent/white high-density polyethylene (HDPE) bottle with polypropylene (PP) flip top caps (accessory: PP screw closure with spray head); 5000 ml transparent/white HDPE canister with HDPE screwed cap.</p>

4.1.1 Use-specific instructions for use

Surfaces should always be visibly clean prior to disinfection. Maximum number of applications is 6 per day.

4.1.2 Use-specific risk mitigation measures

See general directions for use

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 - hard non-porous small surface disinfection RTU liquid

Product type	PT04 - Food and feed area (Disinfectants)
Where relevant, an exact description of the authorised use	Not relevant
Target organism(s) (including development stage)	Scientific name: other Common name: Bacteria Development stage: Scientific name: other Common name: Yeasts Development stage:
Field(s) of use	Indoor Health care facilities and in food industry, for example food preparation and handling in kitchens/restaurants: disinfection of small hard/non-porous surfaces. For professional use only.
Application method(s)	Method: Manual application Detailed description: Ready-to-use surface disinfectant at room temperature (20±2 °C). The entire surface to be disinfected is wetted by pouring or spraying from a short distance and subsequently thoroughly wiped with a cloth. The amount of product should be sufficient (max. 50 ml/m ²) to keep the surface wet during the contact time.
Application rate(s) and frequencies	Application Rate: Minimum exposure time: for the control of bacteria and yeasts at 20°C: 60 sec Dilution (%): Ready-to-use product Number and timing of application: The products can be used as often as necessary. A reasonable frequency in kitchens is 1-2 per day. No safety intervals need to be considered between the application phases.
Category(ies) of users	Industrial Professional

Pack sizes and packaging material

100, 500, 750 and 1000 ml transparent/white high-density polyethylene (HDPE) bottle with polypropylene (PP) flip top caps (accessory: PP screw closure with spray head); 5000 ml transparent/white HDPE canister with HDPE screwed cap.

4.2.1 Use-specific instructions for use

Surfaces should always be visibly clean prior to disinfection.

4.2.2 Use-specific risk mitigation measures

See general directions for use

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

5. General directions for use

5.1. Instructions for use

For professional use only.

5.2. Risk mitigation measures

The use of eye protection during handling of the product is mandatory.
Keep out of reach of children

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

First-aid measures general: Move the affected person away from the contaminated area. Get medical advice/attention if you feel unwell. If possible, show this sheet.

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or a doctor.

IF ON SKIN: Immediately wash skin with plenty of water. Thereafter take off all contaminated clothing and wash it before reuse.

Continue to wash the skin with water for 15 minutes. Call a POISON CENTRE or a doctor.

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Call 112/ambulance for medical assistance.

Information to Healthcare personnel/doctor:

The eyes should also be rinsed repeatedly on the way to the doctor if eye exposure to alkaline chemicals (pH > 11), amines and acids like acetic acid, formic acid or propionic acid.

IF SWALLOWED: Immediately rinse mouth. Give something to drink, if exposed person is able to swallow. Do NOT induce vomiting. Call 112/ambulance for medical assistance.

Accidental release measures: Stop leak if safe to do so. Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking. Prevent entry to sewers and public waters. Wipe up with absorbent material (for example cloth). Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Take up mechanically (sweeping, shovelling). Dispose of in accordance with relevant local regulations.

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

Disposal must be done according to official regulations. Do not empty into drains. Do not dispose of with domestic waste. Dispose of contents/container to an authorised waste collection point. Empty the packaging completely prior to disposal. When totally empty, containers are recyclable like any other packing.

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

Shelf-life: 24 months

Store in dry, cool, well-ventilated area. Keep container tightly closed. Keep out of direct sunlight.

Recommended storage temperature: 0-30°C

Do not store at temperatures below 0°C

Do not store near food, drink and animal feedingstuff. Keep away from combustible material.

6. Other information

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