

Summary of product characteristics for a biocidal product

Product name: CVAS Disinfectant product based on Propan-2-ol

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

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PT04 - Food and feed area (Disinfectants)

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Authorisation number: EU-0020461-0000

R4BP 3 asset reference number: EU-0020461-0000

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Administrative information

1.1. Trade names of the product

CVAS Disinfectant product based on Propan-2-ol

calgonit DS 622

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calgonit DS 622

calgonit DS 622

R 3000 SCHNELLEDISINFEKTION

IPADES 70

Alpha Septin

Alpha Septin

Blu-Sept

Disinfect home

Disinfect home

Schnell Des

Disinfect Rapid

Bakt-Ex Pur

Bakt-Ex Rapid

ROTIE-DES quick

ROTIE-DES quick

Bactazol I

Dezynfektator

EOSSAN-Desinfektionsspray-Fluid

FS-7-Spray

Gartengeräte Hygiene Spray

NeudoClean Hygiene Spray

1.2. Authorisation holder

Name and address of the authorisation holder	Name	CVAS Development GmbH
	Address	Dr. Albert Reimann Str. 16 a 68526 Ladenburg Germany
Authorisation number	EU-0020461-0000	
R4BP 3 asset reference number	EU-0020461-0000	
Date of the authorisation	24/12/2019	
Expiry date of the authorisation	30/11/2029	

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	Brenntag GmbH
Address of the manufacturer	Messeallee 11 45131 Essen Germany
Location of manufacturing sites	Am Nordseekai 22 73207 Plochingen Germany

Name of the manufacturer	Calvatis GmbH
Address of the manufacturer	Dr. Albert Reimann Str. 16a 68526 Ladenburg Germany
Location of manufacturing sites	Dr. Albert Reimann Str. 16a 68526 Ladenburg Germany

Name of the manufacturer	Arthur Schopf Hygiene GmbH & Co. KG
Address of the manufacturer	Pfaffensteinstr. 1 83115 Neubeuern Germany
Location of manufacturing sites	Pfaffensteinstr. 1 83115 Neubeuern Germany

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

Active substance	1355 - Propan-2-ol
Name of the manufacturer	Shell Nederland Raffinaderij B.V.
Address of the manufacturer	Vondelingenweg 601 3196 KK, Vodelingenenplaat Rotterdam Netherlands
Location of manufacturing sites	Vondelingenweg 601 3196 KK, Vodelingenenplaat Rotterdam Netherlands
Active substance	1355 - Propan-2-ol
Name of the manufacturer	ExxonMobil
Address of the manufacturer	4999 Scenic Highway LA 70897 Baton Rouge, Louisiana United States
Location of manufacturing sites	4999 Scenic Highway LA 70897 Baton Rouge, Louisiana United States
Active substance	1355 - Propan-2-ol
Name of the manufacturer	INEOS Solvents Germany GmbH
Address of the manufacturer	Römerstraße 733 47443 Moers Germany
Location of manufacturing sites	Römerstraße 733 47443 Moers 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-2-ol		Active Substance	67-63-0	200-661-7	61,25

2.2. Type of formulation

Any other liquid (ready-to-use)

3. Hazard and precautionary statements

Hazard statements

Highly flammable liquid and vapour.
Causes serious eye irritation.
May cause drowsiness or dizziness.
Repeated exposure may cause skin dryness or cracking.

Precautionary statements

If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. - No smoking.
Keep container tightly closed.
Avoid breathing vapours.
Use only outdoors or in a well-ventilated area.
Wear eye protection.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Call a POISON CENTER if you feel unwell.
If eye irritation persists: Get medical advice.
Store in a well-ventilated place. Keep cool.
Store locked up.
Dispose of contents to /container in accordance with local regulations.
Wash hands thoroughly after handling.
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.
In case of fire: Use alcohol-resistant foam to extinguish.

4. Authorised use(s)

4.1 Use description

Use 1 - Use 1 - Disinfection of small surfaces in product type 2 by non-professional users

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)	<p>Scientific name: Bacteria Common name: Bacteria Development stage: All</p> <p>Scientific name: Yeasts Common name: Yeasts Development stage: All</p>
Field(s) of use	<p>Indoor</p> <p>Disinfection of non-porous surfaces in domestic areas.</p>
Application method(s)	<p>Spraying -</p> <p>Spraying (with trigger sprayer or pump spray)</p> <p>Spraying and wiping -</p> <p>Spraying (with trigger sprayer or pump spray) and wiping</p> <p>Pouring and wiping -</p> <p>-</p>
Application rate(s) and frequencies	<p>40-50 mL/m² - - -</p> <p>-</p> <p>40-50 mL/m² - - -</p> <p>-</p> <p>40-50 mL/m² - - -</p> <p>-</p>

Category(ies) of users

General public (non-professional)

Pack sizes and packaging material

1. Bottle: High-density polyethylene (HDPE, 250 - 1000 mL
2. Bottle with fine mist spray pump or trigger spray head: HDPE, 250 - 1000 mL

4.1.1 Use-specific instructions for use

The authorisation holder has to specify the typical application rate in a simple, easily understandable form on the label:

- Trigger spray: Apply 20 spray strokes per 0.5 m².
- Pump spray: Apply 3 jets per 100 cm².
- Bottle: Apply one measuring cup per m²

4.1.2 Use-specific risk mitigation measures

See section 5.2.

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 section 5.3.

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

See section 5.4.

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

See section 5.5.

4.2 Use description

Use 2 - Use 2 – Disinfection of small surfaces in product type 2 by professional users

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)	<p>Scientific name: Bacteria Common name: Bacteria Development stage: All</p> <p>Scientific name: Yeasts Common name: Yeasts Development stage: All</p>
Field(s) of use	<p>Indoor</p> <p>Disinfection of non-porous surfaces in industry, small enterprises, institutions and domestic areas.</p>
Application method(s)	<p>Spraying -</p> <p>Spraying (with trigger sprayer or pump spray)</p> <p>Spraying and wiping -</p> <p>Spraying (with trigger sprayer or pump spray) and wiping</p> <p>Pouring and wiping -</p> <p>-</p>
Application rate(s) and frequencies	<p>40-50 mL/m² - - -</p> <p>-</p> <p>40-50 mL/m² - - -</p> <p>-</p> <p>40-50 mL/m² - - -</p> <p>-</p>
Category(ies) of users	Professional

Pack sizes and packaging material

1. Bottle: HDPE, 250 - 1000 mL
2. Bottle with fine mist spray pump or trigger spray head: HDPE, 250 - 1000 mL
3. Intermediate bulk containers (IBC): HDPE, 720 L
4. Drum: Steel, zinc coated and painted, 200 - 220 L
5. Canister: HDPE, 5 - 50 L

4.2.1 Use-specific instructions for use

See section 5.1.

4.2.2 Use-specific risk mitigation measures

1. The following personal risk mitigation measure can be considered for disinfection of food processing machinery and refilling procedure unless it can be replaced by technical and / or organisational measures: The use of eye protection during handling of the product is recommended.
2. The product must only be applied for disinfection of small surfaces.

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 section 5.3.

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

See section 5.4.

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

See section 5.5.

4.3 Use description

Use 3 - Use 3 - Disinfection of small surfaces in product type 4 by non-professional users

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: Bacteria
Common name: Bacteria
Development stage: All

Scientific name: Yeasts
Common name: Yeasts
Development stage: All

Field(s) of use

Indoor

Disinfection of non-porous surfaces in kitchens.
Disinfection of gardening equipment for human hygiene purpose only.

Application method(s)

Spraying -

Spraying (with trigger sprayer or pump spray)

Spraying and wiping -

Spraying (with trigger sprayer or pump spray) and wiping

Pouring and wiping -

-

Application rate(s) and frequencies

40-50 mL/m² - - -

-

40-50 mL/m² - - -

-

40-50 mL/m² - - -

-

Category(ies) of users

General public (non-professional)

Pack sizes and packaging material

1. Bottle: HDPE, 250 - 1000 mL

2. Bottle with fine mist spray pump or trigger spray head: HDPE, 250 - 1000 mL

4.3.1 Use-specific instructions for use

1. For use at room temperature (20±2°C).
2. The authorisation holder has to specify the typical application rate in a simple, easily understandable form on the label:
 - Trigger spray: Apply 20 spray strokes per 0.5 m².
 - Pump spray: Apply 3 jets per 100 cm².
 - Bottle: Apply one measuring cup per m²
3. Disinfection of gardening equipment for human hygiene purpose only.
4. Disinfect gardening equipment only indoors.

4.3.2 Use-specific risk mitigation measures

See section 5.2.

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 section 5.3.

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

See section 5.4.

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

See section 5.5.

4.4 Use description

Use 4 - Use 4 - Disinfection of small surfaces in product type 4 by professional users

Product type	PT04 - Food and feed area (Disinfectants)
Where relevant, an exact description of the authorised use	-
Target organism(s) (including development stage)	<p>Scientific name: Bacteria Common name: Bacteria Development stage: All</p> <p>Scientific name: Yeasts Common name: Yeasts Development stage: All</p>
Field(s) of use	<p>Indoor</p> <p>Disinfection of non-porous surfaces in canteens or kitchens, food processing industry (including breweries). Disinfection of gardening equipment for human hygiene purpose only.</p>
Application method(s)	<p>Spraying -</p> <p>Spraying (with trigger sprayer or pump spray)</p> <p>Spraying and wiping -</p> <p>Spraying (with trigger sprayer or pump spray) and wiping</p> <p>Pouring and wiping -</p> <p>-</p>
Application rate(s) and frequencies	<p>40-50 mL/m² - - -</p> <p>-</p> <p>40-50 mL/m² - - -</p> <p>-</p> <p>40-50 mL/m² - - -</p> <p>-</p>
Category(ies) of users	Professional
Pack sizes and packaging material	<p>1. Bottle: HDPE, 250 - 1000 mL</p> <p>2. Bottle with fine mist spray pump or trigger spray head: HDPE, 250 - 1000 mL</p>

3. IBC: HDPE, 720 L
4. Drum: Steel, zinc coated and painted, 200 - 220 L
5. Canister: HDPE, 5 - 50 L

4.4.1 Use-specific instructions for use

1. For use at room temperature (20±2°C).
2. Disinfection of gardening equipment for human hygiene purpose only.
3. Disinfect gardening equipment only indoors.

4.4.2 Use-specific risk mitigation measures

1. Provide adequate ventilation (industrial ventilation or keeping windows and doors open).
2. The product must only be applied for disinfection of small surfaces.
3. The following personal risk mitigation measure can be considered for disinfection of food processing machinery and refilling procedure unless it can be replaced by technical and / or organisational measures: The use of eye protection during handling of the product is recommended.

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 section 5.3.

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

See section 5.4.

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

See section 5.5.

5. General directions for use

5.1. Instructions for use

1. Clean surfaces before use.
2. Apply the product to the surface undiluted by spraying. Make sure to wet surfaces completely. Allow to take effect for at least 15 minutes.
3. Apply the product to the surface undiluted by spraying / pouring the product and wiping of the surface afterwards. Make sure to wet surfaces completely. Allow to take effect for at least 5 minutes.
4. Do not apply more than 50 mL/m².
5. Used wipes must be disposed in a closed container.
6. For non-professional users only: Do not use more than 4 applications per day.

5.2. Risk mitigation measures

1. Keep out of reach of children and pets.
2. Avoid contact with eyes.
3. Do not apply in the presence of small children.
4. Keep children and pets away from rooms, where disinfection is taking place. Provide adequate ventilation before children enter treated rooms.
5. For refilling a funnel must be applied.

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

First aid:

1. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
2. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
3. Call a POISON CENTER or doctor/physician if you feel unwell.
4. If eye irritation persists, get medical advice/attention.

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

At the end of the treatment, dispose unused product and the packaging in accordance with local requirements.

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

Store cool (not above 30°C) and protect from frost.
Shelf-life: 24 month.

6. Other information

1. Please be aware of the European reference value of 129.28 mg/m³ for the active substance propan-2-ol (CAS No.: 67-63-0) which was used for the risk assessment for the product.

2. Information on hazard and precautionary statements:

In fact H319 would trigger P280 (Wear eye protection/face protection.). However, for non-professional use correct use of personal protective equipment cannot be assumed. Based on a qualitative risk assessment an additional advice (labelling) with "Avoid contact with eyes" and the other precautionary statements P305 + P351 + P338 and P337 + P313 are considered sufficient to protect the non-professional user from the corresponding risk.

H319 also triggers P264 (Wash ... thoroughly after handling.). This precautionary statement is also not required since propan-2-ol and the formulated biocidal product is very volatile and will evaporate from contaminated skin rapidly. Thus, washing of hands or other body parts is not necessary.

H336 would trigger P304 + P340 (IF INHALED: Remove person to fresh air and keep comfortable for breathing.). According to the Guidance on labelling and packaging in accordance with Regulation (EC) No 1272/2008 (2016) this precautionary statement is considered as optional. Based on the low hazard from acute inhalation of the biocidal product this precautionary statement is not required.