

Safety Data Sheet in accordance with annex II/A of the regulation (EU) No 2020/878

Revision date: 24/11/2022

PERFECT-DISINFECT

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name: PERFECT-DISINFECT

Code number: H100070

1.2 Relevant identified uses of the substance or mixture and uses advised against /

Concentration in use: /

1.3 Details of the supplier of the safety data sheet

Company: MULTITASK INDUSTRIES
KARNEMELKSTRAAT 12
9060 ZELZATE / BELGIUM
TEL : +32 (0)9 282 43 61
FAX : +32 (0)9 337 04 96
HOMEPAGE: www.multitaskindustries.be
EMAIL: info@multitaskindustries.be

Information department:

Technical information: info@multitaskindustries.be

1.4 Emergency telephone number: Poison control centre (Brussel): +32 70 245 245

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification of the substance or mixture in accordance with regulation (EU) 1272/2008:

Flam. Aerosol 1	H222
	H229
Eye Irrit. 2	H319
STOT SE 3	H336

2.2 Label elements

Pictograms:



Signal word: Danger

Hazard statements:

H222 Extremely flammable aerosol.
H229 Pressurized container: May burst if heated.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

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Precautionary statements:

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P251 Do not pierce or burn, even after use.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Contains: Isopropanol

2.3 Other hazards

None.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Name	%	Product identifier	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Other information
Ethanol	≤ 80%	CAS-No.: 64-17-5 EINECS: 200-578-6 REACH Registration-No.: 01-2119457610-43	Flam. Liq. 2, H225 Eye Irrit. 2, H319	H319 >50%
Isopropanol	≤ 30%	CAS-No.: 67-63-0 EINECS: 200-661-7 REACH Registration-No.: 01-2119457558-25	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	

For the full text of the H phrases mentioned in this section, see section 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

Always ask medical advice as soon as possible should serious or continuous disturbances occur.

First aid after skin contact: Rinse with water.

First aid after eye contact: Rinse first with plenty of water, if necessary seek medical attention.

First aid after ingestion: Rinse first with plenty of water, if necessary seek medical attention.

First aid after inhalation: In case of serious or continuous discomforts: remove to fresh air and seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/effects after skin contact: Redness, pain.

Symptoms/effects after eye contact: Redness, pain, blurred vision.

Symptoms/effects after ingestion: Diarrhoea, headache, abdominal cramps, sleepiness, vomiting.

Symptoms/effects after inhalation: Sore throat, cough, shortness of breath, headache.

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4.3 Indication of any immediate medical attention and special treatment needed

None.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

CO₂, foam, powder, sprayed water.

5.2 Special hazards arising from the substance or mixture

None.

5.3 Advice for firefighters

Extinguishing agents to be avoided: None.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Do not walk into or touch spilled substances and avoid inhalation of fumes, smoke, dusts and vapours by staying up wind. Remove any contaminated clothing and used contaminated protective equipment and dispose of it safely.

6.2 Environmental precautions

Do not allow to flow into sewers or open water.

6.3 Methods and material for containment and cleaning up

Contain released substance, store into suitable containers. If possible, remove by using absorbent material.

6.4 Reference to other sections

For further information, check sections 8 & 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Handle with care to avoid spillage.

7.2 Conditions for safe storage, including any incompatibilities

Keep in a sealed container in a closed, frost-free, ventilated room.

7.3 Specific end use(s)

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Listing of the hazardous ingredients in section 3, of which the workplace exposure limit values are known.
Ethanol 1907 mg/m³, Isopropanol 424 mg/m³

8.2 Exposure controls

Inhalation protection: If necessary, use an air-purifying face mask in case of respiratory hazards.



Eye protection: Keep an eyewash bottle with clean water within reach. Use tight fitting safety glasses (EN 166). Wear a full-face shield and protective suit for exceptional processing problems.



Other protection: Use impermeable protective clothing resistant to this product. The choice of specific components such as face mask, gloves, boots, apron or full suit depends on the work.



Environmental controls: Comply with applicable environmental regulations limiting discharge to air, water and soil. Protect the environment by applying appropriate control measures to prevent or limit emissions. For further information, check sections 6 and 13.

Engineering controls: The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Adequate ventilation should be provided so that exposure limits are not exceeded. For further information, check section 7.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance at 20°C:	Liquid.
Colour:	Colourless.
Odour:	Characteristic.
Melting point/melting range:	/
Boiling point/boiling range:	78°C – 82°C
Flammability (solid, gas):	Not applicable.
Upper flammability or explosive limit (Vol %):	/
Lower flammability or explosive limit (Vol %):	/
Flashpoint:	11°C
Auto-ignition temperature:	/
Decomposition temperature:	/
pH:	/

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pH 1% diluted in water:	/
Kinematic viscosity at 40°C:	1 mm ² /s
Solubility in water:	Completely soluble.
Partition coefficient: n- octanol/water:	Not applicable.
Vapour pressure at 20°C:	/
Relative density at 20°C:	0.8000 kg/l
Vapour density:	Not applicable.
Particle characteristics:	/

9.2 Other information

Dynamic viscosity at 20°C:	1 mPa.s
Sustained combustion test:	/
Evaporation rate (n-BuAc=1):	2.000
Volatile organic component (VOS):	100.00 %
Volatile organic component (VOS):	800.000 g/l

10. STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical stability

Avoid extremely high or low temperatures.

10.3 Possibility of hazardous reactions

None.

10.4 Conditions to avoid

Protect from sunlight and do not expose to temperatures exceeding + 50°C.

10.5 Incompatible materials

None.

10.6 Hazardous decomposition products

Under recommended usage conditions, hazardous decomposition products are not expected.

11. TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity: Not classified according to the CLP calculation method

Calculated acute toxicity, ATE oral: > 2.000 mg/kg

Calculated acute toxicity, ATE dermal: > 2.000 mg/kg

Ethanol	LD50, Oral, rat: $\geq 5\,000$ mg/kg LD50, Dermal, rabbit: $\geq 5\,000$ mg/kg LC50, Inhalation, rat, 4u: ≥ 50 mg/l
Isopropanol	LD50, Oral, rat: $\geq 5\,000$ mg/kg

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	LD50, Dermal, rabbit: $\geq 5\,000$ mg/kg LC50, Inhalation, rat, 4u: ≥ 50 mg/l
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Skin corrosion/irritation: Not classified according to the CLP calculation method.

Serious eye damage/irritation: Eye Irrit. 2, H319: Causes serious eye irritation.

Respiratory or skin sensitisation: Not classified according to the CLP calculation method.

Germ cell mutagenicity: Not classified according to the CLP calculation method.

Carcinogenicity: Not classified according to the CLP calculation method.

Reproductive toxicity: Not classified according to the CLP calculation method.

STOT-single exposure: STOT SE 3, H336: May cause drowsiness or dizziness.

STOT-repeated exposure: Not classified according to the CLP calculation method.

Aspiration hazard: Not classified according to the CLP calculation method.

11.2 Information on other hazards

No additional data available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Ethanol	LC50 (Fish): 13000 mg/L (Oncorhynchus mykiss) (96h) EC50 (Daphnia): 12340 mg/L (48h) EC50 (Algae): 275 mg/L (Chlorella vulgaris) (72h)
Isopropanol	LC50 (Fish): 10000 mg/L EC50 (Daphnia): > 10000 mg/L (24h)

12.2 Persistence and degradability

No additional data available.

12.3 Bioaccumulative potential

	Additional data
Ethanol	Log Pow: -0,35
Isopropanol	Log Pow: 0.05

12.4. Mobility in soil

Water hazard class, WGK (AwSV): 1

Solubility in water: Completely soluble.

12.5 Results of PBT and vPvB assessment

No additional data available.

12.6 Endocrine disrupting properties

No additional data available.

12.7 Other adverse effects

No additional data available.

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13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

The product may be discharged at the indicated use concentrations stated in section 1.2, if necessary, after neutralization to pH 7. Any restrictive measures taken by the local authority must always be observed.

14. TRANSPORT INFORMATION

14.1 UN number or ID number

1950

14.2 UN proper shipping name

UN 1950 Aerosols, flammable, 5F, (D)

14.3 Transport hazard class(es)

Class(es): 5F

Identification number of the hazard: Not applicable.



14.4 Packing group

Not applicable.

14.5 Environmental hazards

Not dangerous to the environment.

14.6 Special precautions for user

Hazard characteristics: Risk of fire. Risk of explosion. Containments may explode when heated.

Additional guidance: Take cover. Keep out of low areas. Prevent leaking substances from entering the aquatic environment or the sewage system.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Water hazard class, WGK (AwSV): 1

Volatile organic component (VOC): 100.000 %

Volatile organic component (VOC): 800.000 g/l

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Composition by regulation (EC) 648/2004: /

15.2. Chemical safety assessment

No data available.

16. OTHER INFORMATION

Abbreviations and acronyms:

ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road.

ATE: Acute Toxicity Estimate.

BCF: Bioconcentration factor.

CAS: Chemical Abstracts Service.

CLP: Classification, Labelling and Packaging of chemicals.

EINECS: European INventory of Existing commercial Chemical Substances.

LC50: Median Lethal Concentration for 50% of subjects.

LD50: Median Lethal Dose for 50% of subjects.

Nr.: Number.

PTB: Persistent, Toxic, Bioaccumulative.

STOT: Specific Target Organ Toxicity.

vPvB: very Persistent and very Bioaccumulative substances.

WGK: Water hazard class.

WGK 1: Slightly hazardous for water.

WGK 2: Hazardous for water.

WGK 3: Extremely hazardous for water.

Legend to the H phrases used in the safety data sheet:

H222 Flam. Aerosol 1: Extremely flammable aerosol.

H225 Flam. Liq. 2: Highly flammable liquid and vapor.

H229: Pressurized container: May burst if heated.

H319 Eye Irrit. 2: Causes serious eye irritation.

H336 STOT SE 3: May cause drowsiness or dizziness.

CLP Calculation method: Calculation method.

DISCLAIMER. The information obtained in this Safety Data Sheet from sources which we believe are reliable. The conditions or methods of handling, storage or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not accept any liability for loss, damage or expense which explicitly rejected in any way, can result from handling, storage, use or disposal of the product. This Safety Data Sheet was prepared and is to be used only for this product. If the product is used as a component in another product, it is possible that the Safety Data Sheet information is not applicable.