



Super Help S.r.l.

Revision nr. 1

Dated 23/04/2020

First compilation

Printed on 30/04/2020

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Multi Purpose Sanitizing spray

Safety Data Sheet

According to Annex II to REACH - Regulation 2015/830

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: 315
Product name: Multi Purpose Sanitizing spray

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

Intended use: Cleaning detergent spray

1.3. Details of the supplier of the safety data sheet

Name: Super Help S.r.l.
Full address: Via V. Veneto, 11
District and Country: 21100 Varese (VA)
Italia
Tel. 0039 347 4650120

e-mail address of the competent person responsible for the Safety Data Sheet: info@super-help.com

1.4. Emergency telephone number

For urgent inquiries refer to: Company: +39 347 4650120

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

The product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation 2015/830. Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Hazard classification and indication:

Aerosol, category 1	H222 H229	Extremely flammable aerosol. Pressurised container: may burst if heated.
Eye irritation, category 2	H319	Causes serious eye irritation.
Specific target organ toxicity - single exposure, category 3	H336	May cause drowsiness or dizziness.

2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.



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Hazard pictograms:



Signal words:

Danger

Hazard statements:

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

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.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122°F.
P211 Do not spray on an open flame or other ignition source.
P261 Avoid breathing dust / fume / gas / mist / vapours / spray.
P280 Wear eye protection / face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.

Contains: PROPAN-2-OL

Regulation EC 648/2004: aliphatic hydrocarbons 30% and more, cationic surfactants less than 5%, perfume.

2.3. Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

SECTION 3. Composition/information on ingredients

3.2. Mixtures

Contains:

Identification	x = Conc. %	Classification 1272/2008 (CLP)
BUTANE		
CAS 106-97-8	30 ≤ x < 40	Flam. Gas 1A H220, Press. Gas (Liq.) H280, Classification note according to Annex VI to the CLP Regulation: C U
EC 203-448-7		
INDEX 601-004-00-0		
Reg. no. 01-2119474691-32-XXXX		

**Multi Purpose Sanitizing spray****PROPAN-2-OL**

CAS 67-63-0 30 ≤ x < 40 Flam. Liq. 2 H225, Eye Irrit. 2 H319, STOT SE 3 H336
EC 200-661-7
INDEX 603-117-00-0
Reg. no. 01-2119457558-25-XXXX

ISOBUTANE

CAS 75-28-5 15 ≤ x < 20 Flam. Gas 1A H220, Press. Gas (Liq.) H280, Classification note according to Annex VI to the CLP Regulation: C U
EC 200-857-2
INDEX 601-004-00-0
Reg. no. 01-2119485395-27-XXXX

PROPANE

CAS 74-98-6 15 ≤ x < 20 Flam. Gas 1A H220, Press. Gas (Liq.) H280, Classification note according to Annex VI to the CLP Regulation: U
EC 200-827-9
INDEX 601-003-00-5
Reg. no. 01-2119486944-21-XXXX

**QUATERNARY AMMONIUM
COMPOUNDS, BENZYL C12-14 -
ALKYLDIMETHYL, CHLORIDES**

CAS 85409-22-9 0,09 ≤ x < 0,18 Acute Tox. 4 H302, Skin Corr. 1B H314, Eye Dam. 1 H318, Aquatic Acute 1 H400 M=10, Aquatic Chronic 1 H410 M=1
EC 939-350-2
INDEX -
Reg. no. 01-2119970550-39-XXXX

The full wording of hazard (H) phrases is given in section 16 of the sheet.

The product is an aerosol containing propellants. For the purposes of calculation of the health hazards, propellants are not considered (unless they have health hazards). The percentages indicated are inclusive of the propellants.

SECTION 4. First aid measures**4.1. Description of first aid measures**

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.

SKIN: Remove contaminated clothing. Wash immediately with plenty of water. If irritation persists, get medical advice/attention. Wash contaminated clothing before using it again.

INHALATION: Remove to open air. In the event of breathing difficulties, get medical advice/attention immediately.

INGESTION: Get medical advice/attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person, unless authorised by a doctor.

4.2. Most important symptoms and effects, both acute and delayed

Specific information on symptoms and effects caused by the product are unknown.

PROPAN-2-OL

Headache, dizziness, drowsiness, nausea and other effects on central nervous system. Causes serious eye damage.

QUATERNARY AMMONIUM COMPOUNDS, BENZYL C12-14 - ALKYLDIMETHYL, CHLORIDES



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Corrosive, it damages the gastro intestinal tract.

4.3. Indication of any immediate medical attention and special treatment needed

Information not available

SECTION 5. Firefighting measures

5.1. Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

UNSUITABLE EXTINGUISHING EQUIPMENT

None in particular.

5.2. Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

If overheated, aerosol cans can deform, explode and be propelled considerable distances. Put a protective helmet on before approaching the fire. Do not breathe combustion products.

5.3. Advice for firefighters

GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Eliminate all sources of ignition (cigarettes, flames, sparks, etc.) from the leakage site. Send away individuals who are not suitably equipped. Wear protective gloves / protective clothing / eye protection / face protection.

6.2. Environmental precautions

Do not disperse in the environment.

6.3. Methods and material for containment and cleaning up

Use inert absorbent material to soak up leaked product. Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

**Multi Purpose Sanitizing spray****SECTION 7. Handling and storage****7.1. Precautions for safe handling**

Avoid bunching of electrostatic charges. Do not spray on flames or incandescent bodies. Vapours may catch fire and an explosion may occur; vapour accumulation is therefore to be avoided by leaving windows and doors open and ensuring good cross ventilation. Do not eat, drink or smoke during use. Do not breathe spray.

7.2. Conditions for safe storage, including any incompatibilities

Store in a place where adequate ventilation is ensured, away from direct sunlight at a temperature below 50°C / 122°F, away from any combustion sources.

7.3. Specific end use(s)

Information not available

SECTION 8. Exposure controls/personal protection**8.1. Control parameters**

Regulatory References:

FRA France Valeurs limites d'exposition professionnelle aux agents chimiques en France. ED 984 - INRS
GBR United Kingdom EH40/2005 Workplace exposure limits (Third edition, published 2018)
TLV-ACGIH ACGIH 2019

BUTANE**Threshold Limit Value**

Type	Country	TWA/8h		STEL/15min		Remarks / Observations
		mg/m3	ppm	mg/m3	ppm	
VLEP	FRA	1900	800			
WEL	GBR	1450	600	1810	750	
TLV-ACGIH					1000	

PROPAN-2-OL**Threshold Limit Value**

Type	Country	TWA/8h		STEL/15min		Remarks / Observations
		mg/m3	ppm	mg/m3	ppm	
VLEP	FRA			980	400	
WEL	GBR	999	400	1250	500	
TLV-ACGIH		492	200	983	400	
Predicted no-effect concentration - PNEC						
Normal value in fresh water				140,9		mg/l
Normal value in marine water				140,9		mg/l
Normal value for fresh water sediment				552		mg/kg



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Normal value for marine water sediment	552	mg/kg
Normal value for water, intermittent release	140,9	mg/l
Normal value of STP microorganisms	2251	mg/l
Normal value for the food chain (secondary poisoning)	160	mg/kg
Normal value for the terrestrial compartment	28	mg/kg

Health - Derived no-effect level - DNEL / DMEL

Route of exposure	Effects on consumers				Effects on workers			
	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral				26 mg/kg bw/d				
Inhalation			VND	89 mg/m3			VND	500 mg/m3
Skin				319 mg/kg bw/d				888 mg/kg bw/d

ISOBUTANE

Threshold Limit Value

Type	Country	TWA/8h	STEL/15min	Remarks / Observations
		mg/m3	ppm	
TLV-ACGIH			1000	

Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified.

8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.

Provide an emergency shower with face and eye wash station.

HAND PROTECTION

None required.

SKIN PROTECTION

Wear category I professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, a mask with a type AX filter combined with a type P filter should be worn (see standard EN 14387).

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.



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ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	aerosol
Colour	transparent
Odour	perfumed
Odour threshold	Not available
pH	Not applicable
Melting point / freezing point	Not available
Initial boiling point	Not available
Boiling range	Not available
Flash point	< 0 °C
Evaporation Rate	Not available
Flammability of solids and gases	Not available
Lower inflammability limit	Not available
Upper inflammability limit	Not available
Lower explosive limit	Not available
Upper explosive limit	Not available
Vapour pressure	Not available
Vapour density	Not available
Relative density	0,60 – 0,64 kg/l
Solubility	Not available
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Explosive properties	Not available
Oxidising properties	Not available

9.2. Other information

VOC (Directive 2010/75/EC) : 99,61 % - 637,51 g/litre

SECTION 10. Stability and reactivity

10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.



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QUATERNARY AMMONIUM COMPOUNDS, BENZYL C12-14 - ALKYLDIMETHYL, CHLORIDES

The classification criteria for corrosion for metals, respectively according to Annex I, section 2.16 of the CLP Regulation and the United Nations Regulation for the transport of dangerous goods, class 8, are not met.

10.2. Chemical stability

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions

No hazardous reactions are foreseeable in normal conditions of use and storage.

PROPAN-2-OL

Reacts violently with: acids. Risk of explosion on contact with: halogens, phosphorus trichloride.

10.4. Conditions to avoid

Avoid overheating.

Aerosol product is stable for a period higher than 36 months and in normal conditions of storage hazardous reactions can not occur because the container is airtight. To avoid a damage of the metallic container, keep away from acid or alkaline products.

10.5. Incompatible materials

Strong reducing or oxidising agents, strong acids or alkalis, hot material.

PROPAN-2-OL

Incompatible with: nitric acid, sulphuric acid, oxidising agents.

10.6. Hazardous decomposition products

Information not available

SECTION 11. Toxicological information

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

11.1. Information on toxicological effects

Metabolism, toxicokinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available



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Delayed and immediate effects as well as chronic effects from short and long-term exposure

PROPAN-2-OL

Repeated exposure may cause skin dryness and cracking.

Interactive effects

Information not available

ACUTE TOXICITY

LC50 (Inhalation) of the mixture:

Not classified (no significant component)

LD50 (Oral) of the mixture:

Not classified (no significant component)

LD50 (Dermal) of the mixture:

Not classified (no significant component)

PROPAN-2-OL

LD50 (Oral) 5840 mg/kg Rat

LD50 (Dermal) 12800 mg/kg Rat

LC50 (Inhalation) 72,6 mg/l/4h Rat

QUATERNARY AMMONIUM COMPOUNDS, BENZYL C12-14 - ALKYL DIMETHYL, CHLORIDES

LD50 (Oral) 795 mg/kg Rat

LD50 (Dermal) > 5000 mg/kg

BUTANE

LC50 (inhalation) > 1442,738 15 min rat

ISOBUTANE

LC50 (inhalation) > 1442,738 15 min rat

PROPANE

LC50 (inhalation) > 800000 ppm 15 min rat

SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class

PROPAN-2-OL

No skin irritation (rabbit).

QUATERNARY AMMONIUM COMPOUNDS, BENZYL C12-14 - ALKYL DIMETHYL, CHLORIDES

Irritating effect on skin: corrosive (OECD 404)

SERIOUS EYE DAMAGE / IRRITATION

Causes serious eye irritation

PROPAN-2-OL

Causes serious eye irritation (rabbit, OECD guideline 405).

QUATERNARY AMMONIUM COMPOUNDS, BENZYL C12-14 - ALKYL DIMETHYL, CHLORIDES

Causes serious eye damage.



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RESPIRATORY OR SKIN SENSITISATION

Does not meet the classification criteria for this hazard class

QUATERNARY AMMONIUM COMPOUNDS, BENZYL C12-14 - ALKYLDIMETHYL, CHLORIDES

Not sensitizing (Guinea pig, OECD 406).

Respiratory sensitization

PROPAN-2-OL

Do not cause respiratory sensitization (mouse).

Skin sensitization

PROPAN-2-OL

Not sensitizing (Guinea pig maximisation test - species: guinea pig - OECD Guideline 406 (Skin sensitisation)).

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

BUTANE

No mutagenic effects.

PROPAN-2-OL

No mutagenic effects. Ames test (in vitro): negative.

ISOBUTANE

No mutagenic effects.

PROPANE

No mutagenic effects.

QUATERNARY AMMONIUM COMPOUNDS, BENZYL C12-14 - ALKYLDIMETHYL, CHLORIDES

Based on available data, the classification criteria are not met.

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

BUTANE

Carcinogenicity test negative.

PROPAN-2-OL

No carcinogenic effects. NOAEC (carcinogenicity): 5000 ppm (rat). Monograph from the IARC (International Agency for Research on Cancer): IARC Group 3: the agent is not classifiable as carcinogenic for man.

ISOBUTANE

Carcinogenicity test negative.

PROPANE

Carcinogenicity test negative.

QUATERNARY AMMONIUM COMPOUNDS, BENZYL C12-14 - ALKYLDIMETHYL, CHLORIDES

Based on available data, the classification criteria are not met.

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

BUTANE



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No toxic effects on reproduction.

ISOBUTANE

No toxic effects on reproduction.

PROPANE

No toxic effects on reproduction.

QUATERNARY AMMONIUM COMPOUNDS, BENZYL C12-14 - ALKYLDIMETHYL, CHLORIDES

Based on available data, the classification criteria are not met.

Adverse effects on sexual function and fertility

PROPAN-2-OL

Not toxic for reproduction. Tests on animals showed effects on reproductions at the same or higher levels than those that are toxic for parents.

Adverse effects on development of the offspring

PROPAN-2-OL

Tests on animals showed effects on embryonic and foetal development at the same or higher levels than those that are toxic for the mother. NOAEL: 480 mg/kg bw/day (rabbit).

STOT - SINGLE EXPOSURE

May cause drowsiness or dizziness

QUATERNARY AMMONIUM COMPOUNDS, BENZYL C12-14 - ALKYLDIMETHYL, CHLORIDES

Based on available data, the classification criteria are not met.

Route of exposure

PROPAN-2-OL

To human: vapours may cause drowsiness and dizziness.

STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

PROPAN-2-OL

To human: listed not for organ toxicity. In male rats: substance can affect kidneys and liver, causing functional disease.

QUATERNARY AMMONIUM COMPOUNDS, BENZYL C12-14 - ALKYLDIMETHYL, CHLORIDES

Based on available data, the classification criteria are not met.

ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

QUATERNARY AMMONIUM COMPOUNDS, BENZYL C12-14 - ALKYLDIMETHYL, CHLORIDES

Based on available data, the classification criteria are not met.

SECTION 12. Ecological information

No specific data are available for this product. Handle it according to good working practices. Avoid littering. Do not contaminate soil and waterways. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation. Please take all the proper measures to reduce harmful effects on aquifers.

12.1. Toxicity



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PROPAN-2-OL

LC50 - for Fish	9640 mg/l/96h
EC50 - for Algae / Aquatic Plants	> 1000 mg/l/72h <i>Scenedesmus subspicatus</i>
Chronic NOEC for Crustacea	30 mg/l <i>Daphnia magna</i> - 21 d

EC50(24h) - Crustacea: 9714 mg/l/24 h *Daphnia magna* - OECD Guideline 202 (*Daphnia* sp. Acute Immobilisation test).
EC50(8d) - Algae: 1800 mg/l *Scenedesmus quadricauda*

**QUATERNARY AMMONIUM
COMPOUNDS, BENZYL C12-14 -
ALKYLDIMETHYL, CHLORIDES**

LC50 - for Fish	0,85 mg/l/96h <i>Oncorhynchus mykiss</i> (OECD 203)
EC50 - for Crustacea	0,016 mg/l/48h <i>Daphnia magna</i>
EC50 - for Algae / Aquatic Plants	0,02 mg/l/72h <i>Pseudokirchneriella subcapitata</i> (OECD 201)
EC10 for Algae / Aquatic Plants	0,0025 mg/l/72h <i>Pseudokirchneriella subcapitata</i> (OECD 201)
Chronic NOEC for Algae / Aquatic Plants	0,025 mg/l <i>Daphnia magna</i> (OECD 211)

Microorganisms / effects on activated sludge: CE20 (30 min) 5 mg / l. Possible effect on activated sludge, depending on the concentration.

12.2. Persistence and degradability

BUTANE

Solubility in water	0,1 - 100 mg/l
Rapidly degradable	

PROPANE

Solubility in water	0,1 - 100 mg/l
Rapidly degradable	

PROPAN-2-OL

Rapidly degradable

ISOBUTANE

Rapidly degradable

**QUATERNARY AMMONIUM
COMPOUNDS, BENZYL C12-14 -
ALKYLDIMETHYL, CHLORIDES**

Rapidly degradable

12.3. Bioaccumulative potential

BUTANE

Partition coefficient: n-octanol/water	1,09
----------------------------------------	------

PROPANE

Partition coefficient: n-octanol/water	1,09
----------------------------------------	------



Multi Purpose Sanitizing spray

PROPAN-2-OL

Partition coefficient: n-octanol/water 0,05

Little chance of bioaccumulation.

QUATERNARY AMMONIUM
COMPOUNDS, BENZYL C12-14 -
ALKYLDIMETHYL, CHLORIDES

Partition coefficient: n-octanol/water 2,88

It does not accumulate in organisms.

12.4. Mobility in soil

BUTANE / ISOBUTANE / PROPANE: if released into the environment, the product will quickly spread in the atmosphere where it will be subjected to photochemical degradation.

PROPAN-2-OL

Fully soluble in water. Quickly evaporates.

12.5. Results of PBT and vPvB assessment

PROPAN-2-OL

Is not a substance defined PBT or vPvB.

QUATERNARY AMMONIUM COMPOUNDS, BENZYL C12-14 - ALKYLDIMETHYL, CHLORIDES

It is not a substance define PBT or vPvB.

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

12.6. Other adverse effects

PROPANE

Global Warming Potential (GWP): 3. Ozone Depletion Potential (ODP): 0.

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

Waste transportation may be subject to ADR restrictions.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

Exhausted cans, even if completely empty, have not to be released into the environment. Aerosol container heated at temperatures higher than 50°C may burst even if contain a small amount of gas.

SECTION 14. Transport information

14.1. UN number

ADR / RID, IMDG, 1950

IATA:



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14.2. UN proper shipping name

ADR / RID: AEROSOLS
IMDG: AEROSOLS
IATA: AEROSOLS, FLAMMABLE

14.3. Transport hazard class(es)

ADR / RID: Class: 2 Label: 2.1
IMDG: Class: 2 Label: 2.1
IATA: Class: 2 Label: 2.1



14.4. Packing group

ADR / RID, IMDG, IATA: -

14.5. Environmental hazards

ADR / RID: NO
IMDG: NO
IATA: NO

14.6. Special precautions for user

ADR / RID:	HIN - Kemler: --	Limited Quantities: 1 L	Tunnel restriction code: (D)
IMDG:	Special Provision: - EMS: F-D, S-U	Limited Quantities: 1 L	
IATA:	Cargo:	Maximum quantity: 150 Kg	Packaging instructions: 203
	Pass.:	Maximum quantity: 75 Kg	Packaging instructions: 203
	Special Instructions:	A145, A167, A802	

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Information not relevant

SECTION 15. Regulatory information



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

Seveso Category - Directive 2012/18/EC: P3a

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

Product
Point 40

Substances in Candidate List (Art. 59 REACH)

On the basis of available data, the product does not contain any SVHC in percentage greater than 0,1%.

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

15.2. Chemical safety assessment

A chemical safety assessment has been performed by supplier for the following contained substances

PROPAN-2-OL

SECTION 16. Other information

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Flam. Gas 1A	Flammable gas, category 1A
Aerosol 1	Aerosol, category 1
Aerosol 3	Aerosol, category 3

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Flam. Liq. 2	Flammable liquid, category 2
Press. Gas (Liq.)	Liquefied gas
Acute Tox. 4	Acute toxicity, category 4
Skin Corr. 1B	Skin corrosion, category 1B
Eye Irrit. 2	Eye irritation, category 2
STOT SE 3	Specific target organ toxicity - single exposure, category 3
Aquatic Acute 1	Hazardous to the aquatic environment, acute toxicity, category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic toxicity, category 1
H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H229	Pressurised container: may burst if heated.
H225	Highly flammable liquid and vapour.
H280	Contains gas under pressure; may burst if heated.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

GENERAL BIBLIOGRAPHY



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Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

Product's classification is based on the calculation methods set out in Annex I of the CLP Regulation, unless otherwise indicated in sections 11 and 12.

The data for evaluation of chemical-physical properties are reported in section 9.