

## SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2015/830)

### SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name : SUSPENSION DIAMANTEE LA  
Product code : 20150/20157.

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

Diamonds suspension for polishing or grinding

#### 1.3. Details of the supplier of the safety data sheet

Registered company name : PRESI S.A.S.  
Address : 11 Rue du vercors.38320.EYBENS.France.  
Telephone : +33 (0)4.76.72.00.21. Fax : +33 (0)4.76.72.05.84.  
presi@presi.com  
www.presi.com

#### 1.4. Emergency telephone number : +33 (0)1.45.42.59.59.

Association/Organisation : INRS / ORFILA <http://www.centres-antipoison.net>.

### SECTION 2 : HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

##### In compliance with EC regulation No. 1272/2008 and its amendments.

Flammable liquid, Category 2 (Flam. Liq. 2, H225).  
Eye irritation, Category 2 (Eye Irrit. 2, H319).

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

#### 2.2. Label elements

##### In compliance with EC regulation No. 1272/2008 and its amendments.

Hazard pictograms :



GHS02



GHS07

Signal Word :

DANGER

Hazard statements :

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

Precautionary statements - Prevention :

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P264 Wash ... thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/ ...

Precautionary statements - Response :

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

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.

Precautionary statements - Storage :

P403 + P235 Store in a well-ventilated place. Keep cool.

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Precautionary statements - Disposal :

P501 Dispose of contents/container to ...

**2.3. Other hazards**

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC)  $\geq 0.1\%$  published by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

**SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS**

**3.2. Mixtures**

**Composition :**

Identification	(EC) 1272/2008	Note	%
CAS: 64-17-5 EC: 200-578-6 REACH: 01-2119457610-43-0000  ETHANOL	GHS07, GHS02 Dgr Flam. Liq. 2, H225 Eye Irrit. 2, H319	[1]	50 $\leq$ x % < 100
INDEX: 603-117-00-0 CAS: 67-63-0 EC: 200-661-7 REACH: 01-2119457558-25-XXXX  PROPAN-2-OL	GHS02, GHS07 Dgr Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	[1]	10 $\leq$ x % < 25
CAS: 78-93-3 EC: 201-159-0 REACH: 01-2119457290-43-XXXX  BUTANONE	GHS07, GHS02 Dgr Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	[1]	2.5 $\leq$ x % < 10
CAS: 67-63-0 EC: 200-661-7 REACH: 01-2119457558-25-XXXX  PROPAN-2-OL	GHS07 Wng Eye Irrit. 2, H319 STOT SE 3, H336	[1]	1 $\leq$ x % < 2.5

(Full text of H-phrases: see section 16)

**Information on ingredients :**

[1] Substance for which maximum workplace exposure limits are available.

**SECTION 4 : FIRST AID MEASURES**

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

**4.1. Description of first aid measures**

**In the event of splashes or contact with eyes :**

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.

If there is any redness, pain or visual impairment, consult an ophthalmologist.

**In the event of swallowing :**

Seek medical attention, showing the label.

Do not induce vomiting without medical advice

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

No data available.

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

No data available.



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**SECTION 5 : FIREFIGHTING MEASURES**

Flammable.

Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires.

**5.1. Extinguishing media**

Keep packages near the fire cool, to prevent pressurised containers from bursting.

**Suitable methods of extinction**

In the event of a fire, use :

- powder
- foam
- carbon dioxide (CO<sub>2</sub>)

Prevent the effluent of fire-fighting measures from entering drains or waterways.

**Unsuitable methods of extinction**

In the event of a fire, do not use :

- water jet

**5.2. Special hazards arising from the substance or mixture**

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)

**5.3. Advice for firefighters**

Fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

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**SECTION 6 : ACCIDENTAL RELEASE MEASURES**

**6.1. Personal precautions, protective equipment and emergency procedures**

Consult the safety measures listed under headings 7 and 8.

**For non first aid worker**

Avoid any contact with the skin and eyes.

**For first aid worker**

First aid workers will be equipped with suitable personal protective equipment (See section 8).

**6.2. Environmental precautions**

Prevent any material from entering drains or waterways.

**6.3. Methods and material for containment and cleaning up**

Clean preferably with a detergent, do not use solvents.

**6.4. Reference to other sections**

No data available.

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**SECTION 7 : HANDLING AND STORAGE**

Requirements relating to storage premises apply to all facilities where the mixture is handled.

**7.1. Precautions for safe handling**

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

**Fire prevention :**

Handle in well-ventilated areas.

Prevent the formation of flammable or explosive concentrations in air and avoid vapor concentrations higher than the occupational exposure limits.

Prevent the accumulation of electrostatic charges with connections to earth.

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The mixture can become electrostatically charged: always ground when decanting. Wear antistatic shoes and clothing and make floors of non-conductive

Use the mixture in premises free of naked flames or other sources of ignition and ensure that electrical equipment is suitably protected.

Keep packages tightly closed and away from sources of heat, sparks and naked flames.

Do not use tools which may produce sparks. Do not smoke.

Prevent access by unauthorised personnel.

**Recommended equipment and procedures :**

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Avoid eye contact with this mixture.

**Prohibited equipment and procedures :**

No smoking, eating or drinking in areas where the mixture is used.

**7.2. Conditions for safe storage, including any incompatibilities**

Keep away from food, drink and animals feeding stuffs

Keep only in the original container at a temperature not exceeding 25°C

**Storage**

Keep the container tightly closed in a dry, well-ventilated place.

Keep away from all sources of ignition - do not smoke.

Keep well away from all sources of ignition, heat and direct sunlight.

Avoid accumulation of electrostatic charges.

**Packaging**

Always keep in packaging made of an identical material to the original.

**7.3. Specific end use(s)**

No data available.

**SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1. Control parameters**

**Occupational exposure limits :**

- European Union (2019/1831, 2017/2398, 2017/164, 2009/161, 2006/15/CE, 2000/39/CE, 98/24/CE) :

CAS	VME-mg/m <sup>3</sup>	VME-ppm	VLE-mg/m <sup>3</sup>	VLE-ppm	Notes
78-93-3	600	200	900	300	-

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

CAS	TWA	STEL	Ceiling	Definition	Criteria
64-17-5		1000 ppm		A3	
67-63-0	200 ppm	400 ppm		A4; BEI	
78-93-3	200 ppm	300 ppm		BEI	
67-63-0	200 ppm	400 ppm		A4; BEI	

- Germany - AGW (BAuA - TRGS 900, 08/08/2019) :

CAS	VME	VME	Excess	Notes
64-17-5		200 ppm 380 mg/m <sup>3</sup>		4(II)
67-63-0		200 ppm 500 mg/m <sup>3</sup>		2(II)
78-93-3		200 ppm 600 mg/m <sup>3</sup>		1(I)
67-63-0		200 ppm 500 mg/m <sup>3</sup>		2(II)

- Canada / Ontario (Control of exposure to biological or chemical agents, regulation 491/2009) :

CAS	TWA	STEL	Ceiling	Definition	Criteria
67-63-0	200 ppm	400 ppm	-	-	-

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67-63-0	200 ppm	400 ppm	-	-	-
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- Canada / Quebec (Regulations on occupational health and safety) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
64-17-5	1000 ppm 1880 mg/m <sup>3</sup>				
67-63-0	400 ppm 983 mg/m <sup>3</sup>	500 ppm 1230 mg/m <sup>3</sup>			
78-93-3	50 ppm 150 mg/m <sup>3</sup>	100 ppm 300 mg/m <sup>3</sup>			
67-63-0	400 ppm 983 mg/m <sup>3</sup>	500 ppm 1230 mg/m <sup>3</sup>			

- France (INRS - ED984 / 2019-1487) :

CAS	VME-ppm :	VME-mg/m <sup>3</sup> :	VLE-ppm :	VLE-mg/m <sup>3</sup> :	Notes :	TMP No :
64-17-5	1000	1900	5000	9500	-	84
67-63-0	-	-	400	980	-	84
78-93-3	200	600	300	900	*	84
67-63-0	-	-	400	980	-	84

- Japan (JSOH, 17/05/2018) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
67-63-0			400 ppm 980 mgm <sup>3</sup>		
78-93-3	200 ppm 590 mg/m <sup>3</sup>				
67-63-0			400 ppm 980 mgm <sup>3</sup>		

- Switzerland (SUVAPRO 2017) :

CAS	VME	VLE	Valeur plafond	Notations
64-17-5	500 ppm 960 mg/m <sup>3</sup>	1000 ppm 1920 mg/m <sup>3</sup>		SSC
67-63-0	200 ppm 500 mg/m <sup>3</sup>	400 ppm 1000 mg/m <sup>3</sup>		B SSC
78-93-3	200 ppm 590 mg/m <sup>3</sup>	200 ppm 590 mg/m <sup>3</sup>		R B SSC
67-63-0	200 ppm 500 mg/m <sup>3</sup>	400 ppm 1000 mg/m <sup>3</sup>		B SSC

- USA / NIOSH IDLH (National Institute for Occupational Safety and Health, Immediately Dangerous to Life or Health Concentrations) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
64-17-5	-	-	3300	-	-
67-63-0	400 ppm 980 mg/m <sup>3</sup>	500 ppm 1225 mg/m <sup>3</sup>			
78-93-3	200 ppm 590 mg/m <sup>3</sup>	300 ppm 885 mg/m <sup>3</sup>			
67-63-0	400 ppm 980 mg/m <sup>3</sup>	500 ppm 1225 mg/m <sup>3</sup>			

- UK / WEL (Workplace exposure limits, EH40/2005, 2011) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
64-17-5	1000 ppm 1920 mg/m <sup>3</sup>	- ppm - mg/m <sup>3</sup>			
67-63-0	400 ppm 999 mg/m <sup>3</sup>	500 ppm 1250 mg/m <sup>3</sup>			
78-93-3	200 ppm 600 mg/m <sup>3</sup>	300 ppm 899 mg/m <sup>3</sup>		Sk. BMGV	
67-63-0	400 ppm 999 mg/m <sup>3</sup>	500 ppm 1250 mg/m <sup>3</sup>			



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**Derived no effect level (DNEL) or derived minimum effect level (DMEL):**

PROPAN-2-OL (CAS: 67-63-0)

**Final use:**

Exposure method:  
Potential health effects:  
DNEL :

**Workers.**

Dermal contact.  
Long term systemic effects.  
888 mg/kg body weight/day

Exposure method:  
Potential health effects:  
DNEL :

Inhalation.  
Long term systemic effects.  
500 mg of substance/m<sup>3</sup>

**Final use:**

Exposure method:  
Potential health effects:  
DNEL :

**Consumers.**

Ingestion.  
Long term systemic effects.  
26 mg/kg body weight/day

Exposure method:  
Potential health effects:  
DNEL :

Dermal contact.  
Long term systemic effects.  
319 mg/kg body weight/day

Exposure method:  
Potential health effects:  
DNEL :

Inhalation.  
Long term systemic effects.  
89 mg of substance/m<sup>3</sup>

BUTANONE (CAS: 78-93-3)

**Final use:**

Exposure method:  
Potential health effects:  
DNEL :

**Workers.**

Dermal contact.  
Long term systemic effects.  
1161 mg/kg body weight/day

Exposure method:  
Potential health effects:  
DNEL :

Inhalation.  
Long term systemic effects.  
600 mg of substance/m<sup>3</sup>

**Final use:**

Exposure method:  
Potential health effects:  
DNEL :

**Consumers.**

Ingestion.  
Long term systemic effects.  
31 mg/kg body weight/day

Exposure method:  
Potential health effects:  
DNEL :

Dermal contact.  
Long term systemic effects.  
412 mg/kg body weight/day

Exposure method:  
Potential health effects:  
DNEL :

Inhalation.  
Long term systemic effects.  
106 mg of substance/m<sup>3</sup>

PROPAN-2-OL (CAS: 67-63-0)

**Final use:**

Exposure method:  
Potential health effects:

**Workers.**

Dermal contact.  
Long term systemic effects.



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DNEL :	888 mg/kg body weight/day
Exposure method:	Inhalation.
Potential health effects:	Long term systemic effects.
DNEL :	500 mg of substance/m3
<b>Final use:</b>	<b>Consumers.</b>
Exposure method:	Ingestion.
Potential health effects:	Long term systemic effects.
DNEL :	26 mg/kg body weight/day
Exposure method:	Dermal contact.
Potential health effects:	Long term systemic effects.
DNEL :	319 mg/kg body weight/day
Exposure method:	Inhalation.
Potential health effects:	Long term systemic effects.
DNEL :	89 mg of substance/m3
ETHANOL (CAS: 64-17-5)	
<b>Final use:</b>	<b>Workers.</b>
Exposure method:	Dermal contact.
Potential health effects:	Long term local effects.
DNEL :	343 mg/kg body weight/day
Exposure method:	Inhalation.
Potential health effects:	Long term systemic effects.
DNEL :	950 mg of substance/m3
Exposure method:	Inhalation.
Potential health effects:	Short term local effects.
DNEL :	1900 mg of substance/m3
<b>Final use:</b>	<b>Man exposed via the environment.</b>
Exposure method:	Ingestion.
Potential health effects:	Long term systemic effects.
DNEL :	87 mg/kg body weight/day
Exposure method:	Dermal contact.
Potential health effects:	Long term systemic effects.
DNEL :	206 mg/kg body weight/day
Exposure method:	Inhalation.
Potential health effects:	Long term systemic effects.
DNEL :	114 mg of substance/m3
Exposure method:	Inhalation.
Potential health effects:	Short term local effects.
DNEL :	950 mg of substance/m3



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**Predicted no effect concentration (PNEC):**

**PROPAN-2-OL (CAS: 67-63-0)**

Environmental compartment: PNEC :	Soil. 28 mg/kg
Environmental compartment: PNEC :	Fresh water. 140.9 mg/l
Environmental compartment: PNEC :	Sea water. 140.9 mg/l
Environmental compartment: PNEC :	Intermittent waste water. 140.9 mg/l
Environmental compartment: PNEC :	Waste water treatment plant. 2251 mg/l

**BUTANONE (CAS: 78-93-3)**

Environmental compartment: PNEC :	Soil. 22.5 mg/kg
Environmental compartment: PNEC :	Fresh water. 55.8 mg/l
Environmental compartment: PNEC :	Sea water. 55.8 mg/l
Environmental compartment: PNEC :	Intermittent waste water. 55.8 mg/l

**PROPAN-2-OL (CAS: 67-63-0)**

Environmental compartment: PNEC :	Fresh water. 140.9 mg/l
Environmental compartment: PNEC :	Sea water. 140.9 mg/l
Environmental compartment: PNEC :	Intermittent waste water. 140.9 mg/l
Environmental compartment: PNEC :	Waste water treatment plant. 2251 mg/l

**ETHANOL (CAS: 64-17-5)**

Environmental compartment: PNEC :	Soil. 0.63 mg/kg
Environmental compartment: PNEC :	Fresh water. 0.96 mg/l
Environmental compartment: PNEC :	Sea water. 0.79 mg/l



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Environmental compartment: PNEC :	Intermittent waste water. 2.75 mg/l
Environmental compartment: PNEC :	Fresh water sediment. 3.6 mg/kg
Environmental compartment: PNEC :	Marine sediment. 2.9 mg/kg
Environmental compartment: PNEC :	Waste water treatment plant. 580 mg/l
Environmental compartment: PNEC :	Fresh water predators (oral). 0.72 mg/kg

## 8.2. Exposure controls

### Personal protection measures, such as personal protective equipment

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :



Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

#### - Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles with protective sides accordance with standard EN166.

In the event of high danger, protect the face with a face shield.

Prescription glasses are not considered as protection.

Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.

Provide eyewash stations in facilities where the product is handled constantly.

#### - Hand protection

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN ISO 374-1.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Recommended properties :

- Impervious gloves in accordance with standard EN ISO 374-2

#### - Body protection

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

## SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

#### General information :

Physical state : Paste.



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**Important health, safety and environmental information**

pH :	Not stated. Slightly acidic.
Boiling point/boiling range :	> 35°C
Flash Point Interval :	FP < 23°C
Vapour pressure (50°C) :	Not relevant.
Density :	> 1
Water solubility :	Soluble.
Melting point/melting range :	Not relevant.
Self-ignition temperature :	Not specified.
Decomposition point/decomposition range :	Not relevant.

**9.2. Other information**

No data available.

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**SECTION 10 : STABILITY AND REACTIVITY**

**10.1. Reactivity**

No data available.

**10.2. Chemical stability**

This mixture is stable under the recommended handling and storage conditions in section 7.

**10.3. Possibility of hazardous reactions**

No data available.

**10.4. Conditions to avoid**

Any apparatus likely to produce a flame or to have a metallic surface at high temperature (burners, electric arcs, furnaces etc.) must not be allowed on the premises.

Avoid :

- accumulation of electrostatic charges.
- heating
- heat
- flames and hot surfaces

**10.5. Incompatible materials**

Keep away from :

- oxidising agents
- strong acids

**10.6. Hazardous decomposition products**

The thermal decomposition may release/form :

- carbon monoxide (CO)
  - carbon dioxide (CO<sub>2</sub>)
- 

**SECTION 11 : TOXICOLOGICAL INFORMATION**

**11.1. Information on toxicological effects**

May have reversible effects on the eyes, such as eye irritation which is totally reversible by the end of observation at 21 days.

**11.1.1. Substances**

**Acute toxicity :**

PROPAN-2-OL (CAS: 67-63-0)

Oral route :

LD50 = 5840 mg/kg  
Species : Rat  
OECD Guideline 401 (Acute Oral Toxicity)

Dermal route :

LD50 = 13900 mg/kg



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	Species : Rabbit OECD Guideline 402 (Acute Dermal Toxicity)
	Species : Rat
BUTANONE (CAS: 78-93-3)	
Oral route :	LD50 > 2193 mg/kg Species : Rat OECD Guideline 423 (Acute Oral toxicityAcute Toxic Class Method)
Dermal route :	LD50 > 5000 mg/kg Species : Rabbit OECD Guideline 402 (Acute Dermal Toxicity)
Inhalation route (n/a) :	LC50 = 34 mg/l Species : Rat
ETHANOL (CAS: 64-17-5)	
Oral route :	LD50 = 10470 mg/kg Species : Cat OECD Guideline 401 (Acute Oral Toxicity)
Dermal route :	LD50 > 2000 mg/kg Species : Rabbit OECD Guideline 402 (Acute Dermal Toxicity)
Inhalation route (n/a) :	LC50 = 51 mg/l Species : Rabbit OECD Guideline 403 (Acute Inhalation Toxicity)

**Serious damage to eyes/eye irritation :**

Irritating to eyes

**11.1.2. Mixture**

**Respiratory or skin sensitisation :**

Inhalation of vapours may cause irritation of the respiratory system in very susceptible persons

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**SECTION 12 : ECOLOGICAL INFORMATION**

**12.1. Toxicity**

**12.1.1. Substances**

PROPAN-2-OL (CAS: 67-63-0)

Fish toxicity : LC50 = 9640 mg/l  
Species : Pimephales promelas  
Duration of exposure : 96 h  
OECD Guideline 203 (Fish, Acute Toxicity Test)

Algae toxicity : ECr50 = 100 mg/l  
Species : Scenedesmus subspicatus  
Duration of exposure : 72 h

BUTANONE (CAS: 78-93-3)

Fish toxicity : LC50 = 2993 mg/l  
Species : Pimephales promelas



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	Duration of exposure : 96 h OECD Guideline 203 (Fish, Acute Toxicity Test)
Crustacean toxicity :	EC50 = 308 mg/l Species : <i>Daphnia magna</i> Duration of exposure : 48 h OECD Guideline 202 ( <i>Daphnia</i> sp. Acute Immobilisation Test)
Algae toxicity :	ECr50 = 1972 mg/l Species : <i>Pseudokirchnerella subcapitata</i> Duration of exposure : 72 h
ETHANOL (CAS: 64-17-5) Fish toxicity :	LC50 = 13000 mg/l Species : <i>Oncorhynchus mykiss</i> Duration of exposure : 96 h OECD Guideline 203 (Fish, Acute Toxicity Test)
Crustacean toxicity :	EC50 = 858 mg/l Species : <i>Artemia salina</i> Duration of exposure : 48 h OECD Guideline 202 ( <i>Daphnia</i> sp. Acute Immobilisation Test)
Algae toxicity :	ECr50 = 275 mg/l Species : <i>Chlorella vulgaris</i> Duration of exposure : 72 h

#### 12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

#### 12.2. Persistence and degradability

The product should be partially or slowly biodegradable

##### 12.2.1. Substances

PROPAN-2-OL (CAS: 67-63-0)

Biodegradability : no degradability data is available, the substance is considered as not degrading quickly.

BUTANONE (CAS: 78-93-3)

Biodegradability : Rapidly degradable.

ETHANOL (CAS: 64-17-5)

Biodegradability : Rapidly degradable.

#### 12.3. Bioaccumulative potential

The product should not accumulate in living organisms

#### 12.4. Mobility in soil

Do not discharge into surface water or sanitary sewer system

#### 12.5. Results of PBT and vPvB assessment

No data available.

#### 12.6. Other adverse effects

No data available.

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**German regulations concerning the classification of hazards for water (WGK, AwSV vom 18/04/2017, KBws) :**

WGK 1 : Slightly hazardous for water.

**SECTION 13 : DISPOSAL CONSIDERATIONS**

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

**13.1. Waste treatment methods**

Do not pour into drains or waterways.

**Waste :**

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Respect the local and national regulations

**Soiled packaging :**

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

Respect the local and national regulations

**SECTION 14 : TRANSPORT INFORMATION**

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2019 - IMDG 2018 - ICAO/IATA 2020).

**14.1. UN number**

1993

**14.2. UN proper shipping name**

UN1993=FLAMMABLE LIQUID, N.O.S.

(ethanol)

**14.3. Transport hazard class(es)**

- Classification :



3

**14.4. Packing group**

II

**14.5. Environmental hazards**

-

**14.6. Special precautions for user**

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
	3	F1	II	3	33	1 L	274 601 640C	E2	2	D/E

IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.	EQ	Stowage Handling	Segregation
	3	-	II	1 L	F-E, S-E	274	E2	Category B	-

IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	EQ
	3	-	II	353	5 L	364	60 L	A3	E2
	3	-	II	Y341	1 L	-	-	A3	E2

For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG.

For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.



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

No data available.

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**SECTION 15 : REGULATORY INFORMATION**

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

**- Classification and labelling information included in section 2:**

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2020/217 (ATP 14)

**- Container information:**

No data available.

**- Particular provisions :**

No data available.

**- German regulations concerning the classification of hazards for water (WGK, AwSV vom 18/04/2017, KBws) :**

WGK 1 : Slightly hazardous for water.

**15.2. Chemical safety assessment**

No data available.

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**SECTION 16 : OTHER INFORMATION**

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

**Wording of the phrases mentioned in section 3 :**

H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

**Abbreviations :**

DNEL : Derived No-Effect Level

PNEC : Predicted No-Effect Concentration

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

WGK : Wassergefährdungsklasse (Water Hazard Class).

GHS02 : Flame

GHS07 : Exclamation mark

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.