

**PROCIDE GEL DECONTAMINANT**

**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 : PROCIDE GEL DECONTAMINANT

Product code : 10528

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

N/A

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

Registered company name : IPC S.A.S..

Address : 10, Quai Commandant Malbert - CS 71821.29218.BREST Cedex 2.France.

Telephone : +33 (0)2 98 43 45 44. Fax : +33 (0)2 98 44 22 53.

ipc@groupe-ipc.com \_ http://www.ipc-sa.com

**1.4. Emergency telephone number : +33 (0)2.98.43.45.44.**

Association/Organisation : .

**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).

May produce an allergic reaction (EUH208).

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

**2.2. Label elements**

Biocidal detergent mixture (see section 15).

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

Hazard pictograms :



GHS02



GHS07

Signal Word :

DANGER

Additional labeling :

EUH208

Contains (R)-P-MENTHA-1,8-DIENE. May produce an allergic reaction.

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.

Precautionary statements - Response :

P305 + P351 + P338

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

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 | %                   |
|--|---|------|---------------------|
| INDEX: 603_002_00_5<br>CAS: 64-17-5<br>EC: 200-578-6<br><br>BIOETHANOL   | GHS07, GHS02<br>Dgr<br>Flam. Liq. 2, H225<br>Eye Irrit. 2, H319   | [1]  | 50 $\leq$ x % < 100 |
| INDEX: 603_117_00_0<br>CAS: 67-63-0<br>EC: 200-661-7<br>REACH: 01-2119457558-25-XXXX   | GHS07, GHS02<br>Dgr<br>Flam. Liq. 2, H225<br>Eye Irrit. 2, H319<br>STOT SE 3, H336  | [1]  | 2.5 $\leq$ x % < 10 |
| PROPAN-2-OL<br>INDEX: 601_029_007A<br>CAS: 5989-27-5<br>EC: 227-813-5<br>REACH: 01-2119493353-35<br><br>(R)-P-MENTHA-1,8-DIENE | GHS07, GHS09, GHS08, GHS02<br>Dgr<br>Flam. Liq. 3, H226<br>Asp. Tox. 1, H304<br>Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Aquatic Acute 1, H400<br>M Acute = 1<br>Aquatic Chronic 1, H410<br>M Chronic = 1 | [1]  | 0 $\leq$ 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 exposure by inhalation :**

In the event of an allergic reaction, seek medical attention.

**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 splashes or contact with skin :**

In the event of an allergic reaction, seek medical attention.

**In the event of swallowing :**

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

Keep the person exposed at rest. Do not force vomiting.

Seek medical attention, showing the label.

If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label.

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**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 :

- sprayed water or water mist
- water with AFFF (Aqueous Film Forming Foam) additive
- halon
- foam
- multipurpose ABC powder
- BC powder
- 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**

Because of the organic solvents contained in the mixture, eliminate sources of ignition and ventilate the area.

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**

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

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.

**PROCIDE GEL DECONTAMINANT****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**

Remove and wash contaminated clothing before re-using.

Ensure that there is adequate ventilation, especially in confined areas.

**Fire prevention :**

Handle in well-ventilated areas.

Vapours are heavier than air. They can spread along the ground and form mixtures that are explosive with air.

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.

The mixture can become electrostatically charged : always earth during decanting operations. Wear antistatic shoes and clothing and floors should be electrically 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.

Packages which have been opened must be reclosed carefully and stored in an upright position.

**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**

No data available.

**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.

The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

**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 :**

- 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      |            |

- Germany - AGW (BAuA - TRGS 900, 29/01/2018) :

| CAS     | VME : | VME :                            | Excess | Notes |
|---------|-------|----------------------------------|--------|-------|
| 64-17-5 |       | 500 ppm<br>960 mg/m <sup>3</sup> |        | 2(II) |

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|           |  |                                  |  |       |
|-----------|--|----------------------------------|--|-------|
| 67-63-0   |  | 200 ppm<br>500 mg/m <sup>3</sup> |  | 2(II) |
| 5989-27-5 |  | 5 ppm<br>28 mg/m <sup>3</sup>    |  | 4(II) |

- France (INRS - ED984 :2016) :

| 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       |

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

| CAS     | TWA :                              | STEL :                            | Ceiling : | Definition : | Criteria : |
|---------|------------------------------------|-----------------------------------|-----------|--------------|------------|
| 64-17-5 | 1000 ppm<br>1920 mg/m <sup>3</sup> | - ppm<br>- mg/m <sup>3</sup>      |           |              |            |
| 67-63-0 | 400 ppm<br>999 mg/m <sup>3</sup>   | 500 ppm<br>1250 mg/m <sup>3</sup> |           |              |            |

**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 :Exposure method:  
Potential health effects:  
DNEL :**Final use:**Exposure method:  
Potential health effects:  
DNEL :Exposure method:  
Potential health effects:  
DNEL :Exposure method:  
Potential health effects:  
DNEL :**Workers.**Dermal contact.  
Long term systemic effects.  
888 mg/kg body weight/dayInhalation.  
Long term systemic effects.  
500 mg of substance/m<sup>3</sup>**Consumers.**Ingestion.  
Long term systemic effects.  
26 mg/kg body weight/dayDermal contact.  
Long term systemic effects.  
319 mg/kg body weight/dayInhalation.  
Long term systemic effects.  
89 mg of substance/m<sup>3</sup>**Predicted no effect concentration (PNEC):**

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

Environmental compartment:  
PNEC : Soil.  
28 mg/kgEnvironmental compartment:  
PNEC : Fresh water.  
140.9 mg/lEnvironmental compartment:  
PNEC : Sea water.  
140.9 mg/lEnvironmental compartment:  
PNEC : Intermittent waste water.  
140.9 mg/lEnvironmental compartment:  
PNEC : Fresh water sediment.  
552 mg/kg

**PROCIDE GEL DECONTAMINANT**Environmental compartment:  
PNEC :Waste water treatment plant.  
2251 mg/l**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.

**- 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 : Viscous liquid.

**Important health, safety and environmental information**

|   |                           |
|---|---------------------------|
| pH :                                      | 6.80 .<br>Neutral.        |
| Boiling point/boiling range :             | > 35°C                    |
| Flash Point :                             | 22.00 °C.                 |
| Vapour pressure (50°C) :                  | Below 110 kPa (1.10 bar). |
| Density :                                 | 0.88                      |
| Water solubility :                        | Dilutable.                |
| Melting point/melting range :             | Not specified.            |
| Self-ignition temperature :               | Not specified.            |
| Decomposition point/decomposition range : | Not specified.            |

**9.2. Other information**

VOC (g/l) : 678

**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.

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**10.3. Possibility of hazardous reactions**

When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.

**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
- frost

**10.5. Incompatible materials**

No data available.

**10.6. Hazardous decomposition products**

The thermal decomposition may release/form :

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

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**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.  
Splashes in the eyes may cause irritation and reversible damage

**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  
Species : Rabbit  
OECD Guideline 402 (Acute Dermal Toxicity)

Inhalation route (Dusts/mist) :

LC50 > 25 mg/l  
Species : Rat  
OECD Guideline 403 (Acute Inhalation Toxicity)

**Respiratory or skin sensitisation :**

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

Local lymph node stimulation test :

Non-Sensitiser.  
Species : Guinea pig  
OECD Guideline 406 (Skin Sensitisation)

**Germ cell mutagenicity :**

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

Mutagenesis (in vivo) :

Negative.  
Species : Mouse  
OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)

Mutagenesis (in vitro) :

Negative.  
Species : Bacteria

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OECD Guideline 471 (Bacterial Reverse Mutation Assay)

**Carcinogenicity :**

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

Carcinogenicity Test :

Negative.

No carcinogenic effect.

Species : Mouse

OECD Guideline 451 (Carcinogenicity Studies)

**Reproductive toxicant :**

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

No toxic effect for reproduction

**11.1.2. Mixture**

**Respiratory or skin sensitisation :**

Contains at least one sensitising substance. May cause an allergic reaction.

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**SECTION 12 : ECOLOGICAL INFORMATION**

**12.1. Toxicity**

**12.1.1. Substances**

(R)-P-MENTHA-1,8-DIENE (CAS: 5989-27-5)

Fish toxicity :

LC50 < 1 mg/l

Duration of exposure : 96 h

Crustacean toxicity :

EC50 < 1 mg/l

Duration of exposure : 48 h

Algae toxicity :

ECr50 < 1 mg/l

Duration of exposure : 72 h

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)

Crustacean toxicity :

EC50 = 9714 mg/l

Species : Daphnia magna

Duration of exposure : 24 h

OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Algae toxicity :

ECr50 > 100 mg/l

Species : Raphidocelis subcapitata

Duration of exposure : 72 h

**12.1.2. Mixtures**

No aquatic toxicity data available for the mixture.

**12.2. Persistence and degradability**

**12.2.1. Substances**

(R)-P-MENTHA-1,8-DIENE (CAS: 5989-27-5)

Biodegradability :

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

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



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|                                      |  |
|--------------------------------------|--|
| Chemical oxygen demand :             | DCO = 2.294 g/g                        |
| Five-day biochemical oxygen demand : | DBO5 = 1.171 g/g                       |
| Biodegradability :                   | Rapidly degradable.<br>DBO5/DCO = 0.51 |

**12.3. Bioaccumulative potential**

**12.3.1. Substances**

|                                       |  |
|---------------------------------------|--|
| PROPAN-2-OL (CAS: 67-63-0)            |  |
| Octanol/water partition coefficient : | log K <sub>ow</sub> = 0.05<br>OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method) |

**12.4. Mobility in soil**

No data available.

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

No data available.

**12.6. Other adverse effects**

No data available.

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**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.

**Soiled packaging :**

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

Give to a certified disposal contractor.

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**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 2019).

**14.1. UN number**

1987

**14.2. UN proper shipping name**

UN1987=ALCOHOLS, N.O.S.  
(bioethanol, propan-2-ol)

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

- Classification :



3

**14.4. Packing group**

II

**14.5. Environmental hazards**

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**PROCIDE GEL DECONTAMINANT****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 640D | E2 | 2    | D/E    |

| IMDG | Class | 2°Label | Pack gr. | LQ  | EMS      | Provis. | EQ | Stowage Handling | Segregation |
|------|-------|---------|----------|-----|----------|---------|----|------------------|-------------|
|      | 3     | -       | II       | 1 L | F-E, S-D | 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 A180 | E2 |
|      | 3     | -       | II       | Y341     | 1 L      | -     | -     | A3 A180 | 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.

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

No data available.

**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. 2016/1179. (ATP 9)

**- Container information:**

No data available.

**- Particular provisions :**

No data available.

**- Labelling for detergents (EC Regulation No. 648/2004,907/2006) :**

- less than 5 % : nonionic surfactants

- perfumes

- allergenic fragrances :

(r)-p-mentha-1,8-diene

citral

citronellol

**- Labelling for biocidal products (Regulation 1896/2000, 1687/2002, 2032/2003, 1048/2005, 1849/2006, 1451/2007 and Directive 98/8/EC) :**

| Name        | CAS     | %           | Product-type   |
|-------------|---------|-------------|----------------|
| PROPAN-2-OL | 67-63-0 | 98.06 g/kg  | 01<br>02<br>04 |
| BIOETHANOL  | 64-17-5 | 671.16 g/kg | 01<br>02<br>04 |

Product-type 1 : Human hygiene.

Product-type 2 : Disinfectants and algacides not intended for direct application to humans or animals.

Product-type 4 : Food and feed area.

**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.                   |
| H226 | Flammable liquid and vapour.                          |
| H304 | May be fatal if swallowed and enters airways.         |
| H315 | Causes skin irritation.                               |
| H317 | May cause an allergic skin reaction.                  |
| 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. |

**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.