# 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 : TECHNO TRACAGE
Product code : 15160-IPC.

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

marking paint in aerosol dispensers for profesional use

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

Registered company name : IPC.
Address : 10 QUAI MALBERT - CS 71821 .29218.BREST Cedex 2 .FRANCE.
Telephone : +33 (0)2 98 43 45 44. Fax : +33(0)298442253 .

**1.4. Emergency telephone number : 01 45 42 59 59.**

Association/Organisation : INRS, Service de Contrôle des Produits.

**Other emergency numbers**

N/A
INTERNATIONAL SUPPORT : http://echa.europa.eu/web/guest/support/helpdesks/national-helpdesks/list-of-national-helpdesks

## SECTION 2 : HAZARDS IDENTIFICATION

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

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

Aerosol, Category 1 (Aerosol 1, H222 - H229).
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**

Mixture for aerosol application.

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

Hazard pictograms :

GHS02

Signal Word :
DANGER
Additional labeling :

| | |
|---|---|
| EUH208 | Contains FATTY ACIDS, TALL-OIL, COMPDS. WITH OLEYLAMINE. May produce an allergic reaction. |

Hazard statements :

| | |
|---|---|
| H222 | Extremely flammable aerosol. |
| H229 | Pressurised container: May burst if heated. |

Precautionary statements - General :

| | |
|---|---|
| P102 | Keep out of reach of children. |

Precautionary statements - Prevention :

| | |
|---|---|
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P211 | Do not spray on an open flame or other ignition source. |
| P251 | Do not pierce or burn, even after use. |

Precautionary statements - Storage :

| | |
|---|---|
| P410 + P412 | Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. |

Other information :

Reserved for professional users.
Do not use in a confined space.
Not to be used for any usage other than those specified.

**2.3. Other hazards**

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) >= 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: 601-004-00-0<br>CAS: 106-97-8<br>EC: 203-448-7<br>REACH: 01-2119474691-32<br><br>BUTANE | GHS02, GHS04<br>Dgr<br>Flam. Gas 1, H220 | C<br>[1] | 10 <= x % < 25 |
| CAS: 74-98-6<br>EC: 200-827-9<br>REACH: 01-9112486944-21<br><br>PROPANE | GHS02<br>Dgr<br>Flam. Gas 1, H220<br>Press. Gas, H280 | [1] | 10 <= x % < 25 |
| EC: 919-857-5<br>REACH: 01-2119463258-33<br><br>DEAROMATIZED HYDROCARBONS | GHS08, GHS07, GHS02<br>Dgr<br>Flam. Liq. 3, H226<br>Asp. Tox. 1, H304<br>STOT SE 3, H336<br>EUH:066 | P | 2.5 <= x % < 10 |
| EC: 927-241-2<br>REACH: 01-2119471843-32<br><br>DEAROMATIZED HYDROCARBONS | GHS08, GHS07, GHS02<br>Dgr<br>Flam. Liq. 3, H226<br>Asp. Tox. 1, H304<br>STOT SE 3, H336<br>Aquatic Chronic 3, H412<br>EUH:066 | P | 2.5 <= x % < 10 |
| INDEX: 607-195-00-7<br>CAS: 108-65-6<br>EC: 203-603-9<br>REACH: 01-2119475791-29<br><br>2-METHOXY-1-METHYLETHYL ACETATE | GHS02<br>Wng<br>Flam. Liq. 3, H226 | [1] | 2.5 <= x % < 10 |
| CAS: 75-28-5<br>EC: 200-857-2<br>REACH: 01-2119485395-27<br><br>ISOBUTANE (CONTENANT MOINS DE 0.1% DE BUTADIENE) | GHS02<br>Dgr<br>Flam. Gas 1, H220<br>Press. Gas, H280 | [1] | 2.5 <= x % < 10 |
| INDEX: 607-022-00-5<br>CAS: 141-78-6<br>EC: 205-500-4<br>REACH: 01-2119475103-46<br><br>ETHYL ACETATE | GHS02, GHS07<br>Dgr<br>Flam. Liq. 2, H225<br>Eye Irrit. 2, H319<br>STOT SE 3, H336<br>EUH:066 | [1] | 2.5 <= x % < 10 |
| CAS: 85711-55-3<br>EC: 288-315-1<br>REACH: 01-2119974148-28-0000<br><br>FATTY ACIDS, TALL-OIL, COMPDS. WITH OLEYLAMINE | GHS05, GHS07, GHS08<br>Dgr<br>Skin Sens. 1A, H317<br>Eye Dam. 1, H318<br>STOT RE 2, H373 | | 0 <= x % < 2.5 |

**Information on ingredients :**

[1] Substance for which maximum workplace exposure limits are available.
Note P: The carcinogen or mutagen classification does not apply because the substance contains less than 0.1 % w/w of benzene (EINECS

200-753-7).

## 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.

**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.

### 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.

## 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 ($CO_2$)

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 ($CO_2$)

### 5.3. Advice for firefighters

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

## 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.

**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.

## 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.

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.

Do not spray on a naked flame or any incandescent material.

Do not pierce or burn, even after use.

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.

Do not breathe in aerosols.

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 out of reach of children.

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.

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.

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C.

**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 (2017/164/UE, 2009/161/UE, 2006/15/CE, 2000/39/CE, 98/24/CE)

| CAS | VME-mg/m3 : | VME-ppm : | VLE-mg/m3 : | VLE-ppm : | Notes : |
|---|---|---|---|---|---|
| 108-65-6 | 275 | 50 | 550 | 100 | Peau |
| 141-78-6 | 734 | 200 | 1468 | 400 | - |

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

| CAS | TWA : | STEL : | Ceiling : | Definition : | Criteria : |
|---|---|---|---|---|---|
| 106-97-8 | 1000 ppm | | | | |
| 74-98-6 | 1000 ppm | | | | |
| 75-28-5 | 1000 ppm | | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| 141-78-6 | 400 ppm | | | | | |

- UK / WEL (Workplace exposure limits, EH40/2005, 2007) :

| CAS | TWA : | STEL : | Ceiling : | Definition : | Criteria : | |
|---|---|---|---|---|---|---|
| 106-97-8 | 600 ppm<br>1450 mg/m3 | 750 ppm<br>1810 mg/m3 | | Carc | | |
| 108-65-6 | 50 ppm<br>274 mg/m3 | 100 ppm<br>548 mg/m3 | | Sk | | |
| 141-78-6 | 200 ppm | 400 ppm | | | | |

- Spain (Instituto Nacional de Seguridad e Higiene en el Trabajo (INSHT), Mayo 2010) :

| CAS | TWA : | STEL : | Ceiling : | Definition : | Criteria : | |
|---|---|---|---|---|---|---|
| 106-97-8 | 4,5 ppm<br>12 mg/m3 | | | | | |
| 74-98-6 | 1000 ppm | | | | | |
| 108-65-6 | 50 ppm<br>275 mg/m3 | 100 ppm<br>550 mg/m3 | | vía dérmica | | |
| 141-78-6 | 400 ppm<br>1460 mg/m3 | | | | | |

- USA / NIOSH REL (National Institute for Occupational Safety and Health, Recommended exposure limits) :

| CAS | TWA : | STEL : | Ceiling : | Definition : | Criteria : | |
|---|---|---|---|---|---|---|
| 106-97-8 | 800 ppm | - | - | - | - | |
| 74-98-6 | 1000 ppm | - | - | - | - | |
| 75-28-5 | 800 ppm | - | - | - | - | |
| 141-78-6 | 400 ppm | - | - | - | - | |

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

| CAS | TWA : | STEL : | Ceiling : | Definition : | Criteria : | |
|---|---|---|---|---|---|---|
| 106-97-8 | 800 ppm<br>1900 mg/m3 | | | | | |
| 74-98-6 | 1000 ppm<br>1800 mg/m3 | | | | | |
| 75-28-5 | 800 ppm<br>1900 mg/m3 | | | | | |
| 141-78-6 | 400 ppm<br>1400 mg/m3 | | | | | |

- Canada / Alberta (Occupational health and safety code, 2009) :

| CAS | TWA : | STEL : | Ceiling : | Definition : | Criteria : | |
|---|---|---|---|---|---|---|
| 106-97-8 | 1000 ppm | | | | | |
| 74-98-6 | 1000 ppm | | | | | |
| 75-28-5 | 800 ppm | 1000 ppm | - | - | - | |
| 141-78-6 | 400 ppm<br>1440 mg/m3 | | | | | |

- Canada / British Colombia (2009) :

| CAS | TWA : | STEL : | Ceiling : | Definition : | Criteria : | |
|---|---|---|---|---|---|---|
| 106-97-8 | 600 ppm | 750 ppm | | | | |
| 74-98-6 | 1000 ppm | | | | | |
| 108-65-6 | 50 ppm | 75 ppm | | | | |
| 75-28-5 | 1000 ppm | - | - | - | - | |
| 141-78-6 | 150 ppm | | | | | |

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

| CAS | TWA : | STEL : | Ceiling : | Definition : | Criteria : | |
|---|---|---|---|---|---|---|
| 106-97-8 | 800 ppm | | | | | |
| 74-98-6 | 1,000 ppm | | | | | |
| 108-65-6 | 50 ppm<br>270 mg/m3 | | | | | |
| 75-28-5 | 800 ppm | | | | | |

- Canada / Quebec (Regulations on occupational health and safety) :

| CAS | TWA : | STEL : | Ceiling : | Definition : | Criteria : | |
|---|---|---|---|---|---|---|
| 106-97-8 | 800 ppm<br>1900 mg/m3 | | | | | |
| 74-98-6 | 1000 ppm<br>1800 mg/m3 | | | | | |
| 141-78-6 | 400 ppm<br>1440 mg/m3 | | | | | |

- USA / OSHA PEL (Occupational Safety and Health Administration, Permissible Exposure Limits) :

| CAS | TWA : | STEL : | Ceiling : | Definition : | Criteria : | |
|---|---|---|---|---|---|---|

| | | | | | | |
|---|---|---|---|---|---|---|
| 74-98-6 | 1000 ppm<br>1800 mg/m3 | | | | | |
| 141-78-6 | 400 ppm<br>1400 mg/m3 | | | | | |

- USA / AIHA WEEL (American Industrial Hygiene Association, Workplace Environmental Exposure Limit, 2010) :

| CAS | TWA : | STEL : | Ceiling : | Definition : | Criteria : | |
|---|---|---|---|---|---|---|
| 108-65-6 | 50 ppm | | | | | |

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

DEAROMATIZED HYDROCARBONS

**Final use:** **Workers.**

Exposure method: Dermal contact.
Potential health effects: Long term systemic effects.
DNEL : 300 mg/kg body weight/day

Exposure method: Inhalation.
Potential health effects: Long term systemic effects.
DNEL : 1500 mg of substance/m3

**Final use:** **Consumers.**

Exposure method: Ingestion.
Potential health effects: Long term systemic effects.
DNEL : 300 mg/kg body weight/day

Exposure method: Dermal contact.
Potential health effects: Long term systemic effects.
DNEL : 300 mg/kg body weight/day

Exposure method: Inhalation.
Potential health effects: Long term systemic effects.
DNEL : 900 mg of substance/m3

DEAROMATIZED HYDROCARBONS

**Final use:** **Workers.**

Exposure method: Dermal contact.
Potential health effects: Long term systemic effects.
DNEL : 300 mg/kg body weight/day

Exposure method: Inhalation.
Potential health effects: Long term systemic effects.
DNEL : 1500 mg of substance/m3

**Final use:** **Consumers.**

Exposure method: Ingestion.
Potential health effects: Long term systemic effects.
DNEL : 300 mg/kg body weight/day

Exposure method: Dermal contact.
Potential health effects: Long term systemic effects.
DNEL : 300 mg/kg body weight/day

Exposure method: Inhalation.
Potential health effects: Long term systemic effects.
DNEL : 900 mg of substance/m3

**8.2. Exposure controls**

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

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 in accordance with standard EN166.

**- Hand protection**

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.
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.
Type of gloves recommended :
- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))
- PVA (Polyvinyl alcohol)
Recommended properties :
- Impervious gloves in accordance with standard EN374

**- 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. |
| | Spray. |

**Important health, safety and environmental information**

| | |
|---|---|
| pH : | Not relevant. |
| Boiling point/boiling range : | Not specified. |
| Vapour pressure (50°C) : | Not relevant. |
| Density : | < 1 |
| Water solubility : | Insoluble. |
| Melting point/melting range : | Not specified. |
| Self-ignition temperature : | Not specified. |
| Decomposition point/decomposition range : | Not specified. |
| Chemical combustion heat : | Not specified. |
| Inflammation time : | Not specified. |
| Deflagration density : | Not specified. |
| Inflammation distance : | Not specified. |
| Flame height : | Not specified. |
| Flame duration : | Not specified. |

### 9.2. Other information

No data available.

## 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

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 :
- heating
- heat

### 10.5. Incompatible materials

### 10.6. Hazardous decomposition products

The thermal decomposition may release/form :
- carbon monoxide (CO)
- carbon dioxide (CO2)

## SECTION 11 : TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Exposure to vapours from solvents in the mixture in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system.
Symptoms produced will include headaches, numbness, dizziness, fatigue, muscular asthenia and, in extreme cases, loss of consciousness.
Repeated or prolonged contact with the mixture may cause removal of natural oil from the skin resulting in non-allergic contact dermatitis and absorption through the skin.
Splashes in the eyes may cause irritation and reversible damage

#### 11.1.1. Substances

**Acute toxicity :**

DEAROMATIZED HYDROCARBONS

| | |
|---|---|
| Oral route : | LD50 > 5000 mg/kg<br>Species : Rat (recommended by the CLP) |
| Dermal route : | LD50 > 5000 mg/kg<br>Species : Rabbit (recommended by the CLP) |
| Inhalation route (n/a) : | LC50 > 4951 mg/m3<br>Species : Rat (recommended by the CLP) |

DEAROMATIZED HYDROCARBONS

| | |
|---|---|
| Oral route : | LD50 > 5000 mg/kg<br>Species : Rat |
| Dermal route : | LD50 > 5000 mg/kg<br>Species : Rabbit |
| Inhalation route (n/a) : | LC50 > 4951 mg/m3<br>Species : Rat |

#### 11.1.2. Mixture

**Respiratory or skin sensitisation :**

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

## SECTION 12 : ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### 12.1.1. Substances

DEAROMATIZED HYDROCARBONS

| | |
|---|---|
| Fish toxicity : | LC50 > 1000 mg/l<br>Species : Oncorhynchus mykiss<br>Duration of exposure : 96 h |
| Crustacean toxicity : | EC50 = 1000 mg/l<br>Species : Daphnia magna<br>Duration of exposure : 48 h |
| Algae toxicity : | ECr50 > 1000 mg/l<br>Species : Pseudokirchnerella subcapitata<br>Duration of exposure : 72 h |
| Aquatic plant toxicity : | Species : Others |

#### 12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

### 12.2. Persistence and degradability

#### 12.2.1. Substances

DEAROMATIZED HYDROCARBONS

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

DEAROMATIZED HYDROCARBONS

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

**12.3. Bioaccumulative potential**

No data available.

**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.

## 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.

**Codes of wastes (Decision 2001/573/EC, Directive 2006/12/EEC, Directive 94/31/EEC on hazardous waste) :**

16 05 04 * gases in pressure containers (including halons) containing dangerous substances

## 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 2017 - IMDG 2016 - ICAO/IATA 2017).

**14.1. UN number**

1950

**14.2. UN proper shipping name**

UN1950=AEROSOLS, flammable

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

- Classification :


2.1

**14.4. Packing group**

-

**14.5. Environmental hazards**

-

**14.6. Special precautions for user**

| ADR/RID | Class | Code | Pack gr. | Label | Ident. | LQ | Provis. | EQ | Cat. | Tunnel |
|---|---|---|---|---|---|---|---|---|---|---|
| | 2 | 5F | - | 2.1 | - | 1 L | 190 327 344 625 | E0 | 2 | D |

| IMDG | Class | 2°Label | Pack gr. | LQ | EMS | Provis. | EQ |
|---|---|---|---|---|---|---|---|
| | 2 | See SP63 | - | See SP277 | F-D,S-U | 63 190 277 327 344 381 959 | E0 |

| IATA | Class | 2°Label | Pack gr. | Passager | Passager | Cargo | Cargo | note | EQ |
|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 2.1 | - | - | 203 | 75 kg | 203 | 150 kg | A145 A167 A802 | E0 |
| | 2.1 | - | - | Y203 | 30 kg G | - | - | A145 A167 A802 | E0 |

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:
- Directive 75/324/CEE modified by directive 2013/10/UE
- EU Regulation No. 1272/2008 amended by EU Regulation No. 487/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 758/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 944/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 605/2014.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 1297/2014.

**- Container information:**

No data available.

**- Particular provisions :**

No data available.

**15.2. Chemical safety assessment**

No data available.

## 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 :**

| | |
|---|---|
| H220 | Extremely flammable gas. |
| H225 | Highly flammable liquid and vapour. |
| H226 | Flammable liquid and vapour. |
| H280 | Contains gas under pressure; may explode if heated. |
| H304 | May be fatal if swallowed and enters airways. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H336 | May cause drowsiness or dizziness. |
| H373 | May cause damage to organs through prolonged or repeated exposure . |
| H412 | Harmful to aquatic life with long lasting effects. |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |

**Abbreviations :**

DNEL : Derived No-Effect Level
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 : Wassergefahrdungsklasse (Water Hazard Class).
GHS02 : Flame
PBT: Persistent, bioaccumulable and toxic.
vPvB : Very persistent, very bioaccumulable.
SVHC : Substances of very high concern.