Safety Data Sheet

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **section** | 1 | Identification of the substance/mixture and of the company/undertaking |  |

|  |  |  |
| --- | --- | --- |
|  | 1.1 | Product identifier |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| Trade name/designation | : | Candle lemongrass 10%. |

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

|  |  |  |
| --- | --- | --- |
| Relevant identified uses | : | Scented candle for the general public. |
| Uses advised against | : | No data available. |

|  |  |  |
| --- | --- | --- |
|  | 1.3 | Details of the supplier of the safety data sheet |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| Supplier | : | Name: LAB SASStreet: 1 rue de la clef des champsPostal code/City: 68600 VolgelsheimCountry: France :Telephone: 0389227765E-mail: Office@labsys.fr |

|  |  |  |
| --- | --- | --- |
|  | 1.4 | Emergency Telephone Number |
|  |  |  |

**European Union**:

Malta: +356 2545 4030
Ireland: +35 (0) 31 837 9964 (medical professionals) +35 (0) 31 809 2166 (public).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **section** | 2 | Hazards identification |  |

|  |  |  |
| --- | --- | --- |
|  | 2.1 | Classification of the substance or mixture |
|  |  |  |

### **Hazards identification**:

|  |  |  |
| --- | --- | --- |
| H317 | Skin Sens. 1 | May cause an allergic skin reaction. |

|  |  |  |
| --- | --- | --- |
|  | 2.2 | Label elements |
|  |  |  |

**Labelling**

|  |  |
| --- | --- |
| Hazard pictograms | C:\Dev\workspace\ecojsLIB2\src\resources\images\clp\GHS07.png |
| Signal word | Warning |

### **Hazard Statements**

|  |  |
| --- | --- |
| H317 | May cause an allergic skin reaction. |

### **Precautionary Statements**

|  |  |
| --- | --- |
| P101 | If medical advice is needed, have product container or label at hand. |
| P102 | Keep out of reach of children. |
| P103 | Read label before use. |

### **Precautionary Statements - Response**

|  |  |
| --- | --- |
| P302+P352 | IF ON SKIN: Wash with plenty of soap and water. |
| P333+P313 | If skin irritation or rash occurs: Get medical advice/attention. |

### **Precautionary Statements - Disposal**

|  |  |
| --- | --- |
| P501 | Dispose of contents/container in accordance with local regulations. |

### Contains

citral, geraniol, (R)-p-mentha-1,8-diene, nerol, citronellol, cineole, linalool, l-p-mentha-1(6),8-dien-2-one

|  |  |  |
| --- | --- | --- |
|  | 2.3 | Other hazards |
|  |  |  |

Not available

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **section** | 3 | Composition/information on ingredients |  |

|  |  |  |
| --- | --- | --- |
|  | 3.2 | Mixtures |
|  |  |  |

The mixture does not contain any substances classified as Substances of Very High Concern (SVHC) by the European CHemicals Agency (ECHA) under article 57 of REACH: http://echa.europa.eu/fr/candidate-list-table.

|  |  |  |  |
| --- | --- | --- | --- |
| **Substance** | **Concentration (%)** | **Specific concentration limits** | **Classification** |
| **citral** |
| CAS N° | 5392-40-5 | C≤ 4.64% |  | H315 Causes skin irritation.H317 May cause an allergic skin reaction.H319 Causes serious eye irritation |
| EC N° | 226-394-6 |
| IDX N° | 605-019-00-3 |
| **geraniol** |
| CAS N° | 106-24-1 | C≤ 0.737% |  | H315 Causes skin irritation.H317 May cause an allergic skin reaction.H318 Causes serious eye damage. |
| EC N° | 203-377-1 |
| IDX N° |  |
| **(R)-p-mentha-1,8-diene** |
| CAS N° | 5989-27-5 | C≤ 0.478% |  | 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.H400 Very toxic to aquatic life.H412 Harmful to aquatic life with long lasting effects |
| EC N° | 227-813-5 |
| IDX N° | 601-029-00-7 |
| **nerol** |
| CAS N° | 106-25-2 | C≤ 0.453% |  | H315 Causes skin irritation.H317 May cause an allergic skin reaction.H319 Causes serious eye irritation |
| EC N° | 203-378-7 |
| IDX N° |  |
| **citronellol** |
| CAS N° | 106-22-9 | C≤ 0.299% |  | H315 Causes skin irritation.H317 May cause an allergic skin reaction.H319 Causes serious eye irritation |
| EC N° | 203-375-0 |
| IDX N° |  |
| **cineole** |
| CAS N° | 470-82-6 | C≤ 0.149% |  | H226 Flammable liquid and vapour.H317 May cause an allergic skin reaction. |
| EC N° | 207-431-5 |
| IDX N° |  |
| **linalool** |
| CAS N° | 78-70-6 | C≤ 0.103% | Eye Irrit. 2, : 30 % ≤ C < 100 % | H315 Causes skin irritation.H317 May cause an allergic skin reaction.H319 Causes serious eye irritation |
| EC N° | 201-134-4 |
| IDX N° | 603-235-00-2 |
| **l-p-mentha-1(6),8-dien-2-one** |
| CAS N° | 6485-40-1 | C≤ 0.103% |  | H317 May cause an allergic skin reaction. |
| EC N° | 229-352-5 |
| IDX N° | 606-148-00-8 |
| **bornan-2-one** [1] |
| CAS N° | 76-22-2 | C≤ 0.102% |  | H228 Flammable solid.H302 Harmful if swallowedH315 Causes skin irritation.H318 Causes serious eye damage.H332 Harmful if inhaled.H371 May cause damage to organs. |
| EC N° | 200-945-0 |
| IDX N° |  |
| **methylheptenone** |
| CAS N° | 409-02-9 | C≤ 0.01% |  | H226 Flammable liquid and vapour.H302 Harmful if swallowedH315 Causes skin irritation.H317 May cause an allergic skin reaction.H319 Causes serious eye irritation |
| EC N° | 206-990-2 |
| IDX N° |  |
| **isoeugenol** |
| CAS N° | 97-54-1 | C≤ 0.0025% |  | H302 Harmful if swallowedH312 Harmful in contact with skin.H315 Causes skin irritation.H317 May cause an allergic skin reaction.H319 Causes serious eye irritationH332 Harmful if inhaled.H335 May cause respiratory irritation |
| EC N° | 202-590-7 |
| IDX N° | 604-094-00-X |

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

|  |  |  |
| --- | --- | --- |
|  | 3.3 | Remark |
|  |  |  |

Text phrases and H- EUH-: see section 16.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **section** | 4 | First aid measures |  |

|  |  |  |
| --- | --- | --- |
|  | 4.1 | Description of first aid measures |
|  |  |  |

### **General information**:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Do not leave affected person unattended.

Remove victim out of the danger area.

Keep affected person warm, still and covered.

### **Following inhalation**:

Remove person to fresh air and keep comfortable for breathing.

### **Following skin contact**:

Remove contaminated, saturated clothing immediately.

After contact with skin, wash immediately with plenty of water and soap.

Take off contaminated clothing.

In case of skin reactions, consult a physician.

### **Following eye contact**:

In case of eye irritation consult an ophthalmologist.

Rinse immediately carefully and thoroughly with eye-bath or water.

### **Following ingestion**:

Never give anything by mouth to an unconscious person or a person with cramps.

IF SWALLOWED: Rinse mouth.

Do NOT induce vomiting.

### **Self-protection of the first aider**:

First aider: Pay attention to self-protection!.

|  |  |  |
| --- | --- | --- |
|  | 4.2 | Most important symptoms and effects, both acute and delayed |
|  |  |  |

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

|  |  |  |
| --- | --- | --- |
|  | 4.3 | Indication of any immediate medical attention and special treatment needed |
|  |  |  |

### **Notes for the doctor**:

Treat symptomatically.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **section** | 5 | Firefighting measures |  |

|  |  |  |
| --- | --- | --- |
|  | 5.1 | Extinguishing media |
|  |  |  |

### **Suitable extinguishing media**:

Foam.

Extinguishing powder.

Carbon dioxide (CO2).

Sand.

### **Unsuitable extinguishing media**:

Strong water jet.

|  |  |  |
| --- | --- | --- |
|  | 5.2 | Special hazards arising from the substance or mixture |
|  |  |  |

Formation of toxic gases is possible during heating or in case of fire.

|  |  |  |
| --- | --- | --- |
|  | 5.3 | Advice for firefighters |
|  |  |  |

Wear a self-contained breathing apparatus and chemical protective clothing.

|  |  |  |
| --- | --- | --- |
|  | 5.4 | Additional information |
|  |  |  |

Do not inhale vapors and fumes.

Co-ordinate fire-fighting measures to the fire surroundings.

Move undamaged containers from immediate hazard area if it can be done safely.

Use caution when applying carbon dioxide in confined spaces. carbon dioxide can displace oxygen.

Use water spray jet to protect personnel and to cool endangered containers.

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **section** | 6 | Accidental release measures |  |

|  |  |  |
| --- | --- | --- |
|  | 6.1 | Personal precautions, protective equipment and emergency procedures |
|  |  |  |

Use personal protection equipment.

Remove persons to safety.

Use appropriate respiratory protection.

Provide adequate ventilation.

|  |  |  |
| --- | --- | --- |
|  | 6.2 | Environmental precautions |
|  |  |  |

Ensure that waste is collected and contained.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

|  |  |  |
| --- | --- | --- |
|  | 6.3 | Methods and material for containment and cleaning up |
|  |  |  |

Treat the recovered material as prescribed in the section on waste disposal.

Collect in closed and suitable containers for disposal.

Clean contaminated objects and areas thoroughly observing environmental regulations.

|  |  |  |
| --- | --- | --- |
|  | 6.4 | Reference to other sections |
|  |  |  |

Safe handling: see section 7.

Disposal: see section 13.

Personal protection equipment: see section 8.

|  |  |  |
| --- | --- | --- |
|  | 6.5 | Additional information |
|  |  |  |

Not available

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **section** | 7 | Handling and Storage |  |

|  |  |  |
| --- | --- | --- |
|  | 7.1 | Precautions for safe handling |
|  |  |  |

### **PROTECTIVE MEASURES**:

Avoid contact with skin, eyes and clothes.

Wear personal protective clothing (see section 8).

Sewers and ducts must be protected against the entry of the product.

Do not put any product-impregnated cleaning rags into your trouser pockets.

Use only in well-ventilated areas.

If local exhaust ventilation is not possible or not enough, the entire work area must be ventilated by technical means.

Provide adequate ventilation as well as local exhaustion at critical locations.

Dust should be exhausted directly at the point of origin.

Avoid breathing dust.

### **Advices on general occupational hygiene**:

Wash hands before breaks and after work.

Street clothing should be stored seperately from work clothing.

Wash contaminated clothing before reuse.

Remove contaminated, saturated clothing immediately.

Work in well ventilated zones or use proper respiratory protection.

|  |  |  |
| --- | --- | --- |
|  | 7.2 | Conditions for safe storage, including any incompatibilities |
|  |  |  |

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

Keep container in upright position in order to prevent leakage.

### **Requirements for storage rooms and vessels**:

Ensure adequate ventilation of the storage area.

### **Advice on joint storage**:

Keep away from food, drink and animal feedingstuffs.

### **Further information on storage conditions**:

Store at room temperature and away from heat sources.

|  |  |  |
| --- | --- | --- |
|  | 7.3 | Specific end uses |
|  |  |  |

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **section** | 8 | Exposure controls/personal protection |  |

|  |  |  |
| --- | --- | --- |
|  | 8.1 | Control parameters |
|  |  |  |

### **Occupational exposure limits**:

Not available

### **Biological limit values**:

Not available

### **Exposure limits at intended use**:

Not available

### **Remark**:

Not available

|  |  |  |
| --- | --- | --- |
|  | 8.2 | Exposure controls |
|  |  |  |

### **Appropriate engineering controls**:

Provide adequate ventilation as well as local exhaustion at critical locations.

### **Personal protection equipment**: Not available

|  |  |  |
| --- | --- | --- |
| Eye/face protection | : | Suitable eye protection: No data available. |
| Skin protection | : | Hand protection: **Suitable gloves type**: No special measures are necessary. |
| Respiratory protection | : | Respiratory protection necessary at: If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. |

### **Environmental exposure controls**:

Not available

### **Consumer exposure controls**:

Not available

|  |  |  |
| --- | --- | --- |
|  | 8.3 | Additional information |
|  |  |  |

Not available

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **section** | 9 | Physical and chemical Properties |  |

|  |  |  |
| --- | --- | --- |
|  | 9.1 | Information on basic physical and chemical properties |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Physical state** | : | Solid |
| **Colour** | : | Not Determined |
| **Odour** | : | Hesperidia - Orange - Lemon |
| **Odour threshold** | : | Not available |
| **pH** | : | Not available |
| **Melting point/freezing point** | : | Not available |
| **Initial boiling point and boiling range** | : | Not available |
| **Flash point** | : | >100°C |
| **Evaporation rate** | : | Not available |
| **Flammability** | : | Not available |
| **Upper/lower flammability or explosive limits** | : | Not available |
| **Vapour pressure** | : | Not available |
| **Vapour density** | : | Not available |
| **Relative density** | : | Not available |
| **Solubility(ies)** | : | Not available |
| **Partition coefficient: n-octanol/water (Log KOC)** | : | Not available |
| **Auto-ignition temperature** | : | Not available |
| **Decomposition temperature** | : | Not available |
| **Viscosity** | : | Not available |
| **Explosive properties** | : | Not available |
| **Oxidising properties** | : | Not available |
| **Solubility in other Solvents** | : | Not available |
| **Log Kow** | : | Not available |

|  |  |  |
| --- | --- | --- |
|  | 9.2 | Other safety information |
|  |  |  |

Not available

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **section** | 10 | Stability and Reactivity |  |

|  |  |  |
| --- | --- | --- |
|  | 10.1 | Reactivity |
|  |  |  |

No data available.

|  |  |  |
| --- | --- | --- |
|  | 10.2 | Chemical stability |
|  |  |  |

The product is stable when stored at normal ambient temperatures.

|  |  |  |
| --- | --- | --- |
|  | 10.3 | Possibility of hazardous reactions |
|  |  |  |

No hazardous reaction when handled and stored according to provisions.

|  |  |  |
| --- | --- | --- |
|  | 10.4 | Conditions to avoid |
|  |  |  |

No data available.

|  |  |  |
| --- | --- | --- |
|  | 10.5 | Incompatible materials |
|  |  |  |

No data available.

|  |  |  |
| --- | --- | --- |
|  | 10.6 | Hazardous decomposition products |
|  |  |  |

Does not decompose when used for intended uses.

|  |  |  |
| --- | --- | --- |
|  | 10.7 | Additional information |
|  |  |  |

Not available

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **section** | 11 | Toxicological information |  |

|  |  |  |
| --- | --- | --- |
|  | 11.1 | Acute oral toxicity |
|  |  |  |

The product is not classified.

### **Data for mixture**:

Not available

### **Substances**:

Not available

|  |  |  |
| --- | --- | --- |
|  | 11.2 | Acute dermal toxicity |
|  |  |  |

The product is not classified.

### **Data for mixture**:

Not available

### **Substances**:

Not available

|  |  |  |
| --- | --- | --- |
|  | 11.3 | Acute inhalation toxicity |
|  |  |  |

The product is not classified.

### **Data for mixture**:

Not available

### **Substances**:

Not available

|  |  |  |
| --- | --- | --- |
|  | 11.4 | Skin corrosion/irritation |
|  |  |  |

The product is not classified.

### **Data for mixture**:

Not available

### **Substances**:

Not available

|  |  |  |
| --- | --- | --- |
|  | 11.5 | Serious eye damage/irritation |
|  |  |  |

The product is not classified.

### **Data for mixture**:

Not available

### **Substances**:

Not available

|  |  |  |
| --- | --- | --- |
|  | 11.6 | Skin sensitisation |
|  |  |  |

The product is classified Skin Sens. 1 according to the referenced regulation.

May cause an allergic skin reaction.

### **Data for mixture**:

Not available

### **Substances**:

Not available

|  |  |  |
| --- | --- | --- |
|  | 11.7 | Specific target organ toxicity (repeated exposure) |
|  |  |  |

The product is not classified.

### **Data for mixture**:

Not available

### **Substances**:

Not available

|  |  |  |
| --- | --- | --- |
|  | 11.8 | Specific target organ toxicity (single exposure) |
|  |  |  |

The product is not classified.

### **Data for mixture**:

Not available

### **Substances**:

Not available

|  |  |  |
| --- | --- | --- |
|  | 11.9 | Carcinogenicity |
|  |  |  |

The product is not classified.

### **Data for mixture**:

Not available

### **Substances**:

Not available

|  |  |  |
| --- | --- | --- |
|  | 11.10 | Reproductive toxicity |
|  |  |  |

The product is not classified.

### **Data for mixture**:

Not available

### **Substances**:

Not available

|  |  |  |
| --- | --- | --- |
|  | 11.11 | Germ cell mutagenicity |
|  |  |  |

The product is not classified.

### **Data for mixture**:

Not available

### **Substances**:

Not available

|  |  |  |
| --- | --- | --- |
|  | 11.12 | Sensitisation to the respiratory tract |
|  |  |  |

The product is not classified.

### **Data for mixture**:

Not available

### **Substances**:

Not available

|  |  |  |
| --- | --- | --- |
|  | 11.13 | Additional information |
|  |  |  |

Not available

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **section** | 12 | Ecological information |  |

|  |  |  |
| --- | --- | --- |
|  | 12.1 | Toxicity |
|  |  |  |

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

### **Data for mixture**:

Not available

### **Substances**:

Not available

|  |  |  |
| --- | --- | --- |
|  | 12.2 | Persistence and degradability |
|  |  |  |

The product has not been tested.

### **Data for mixture**:

Not available

### **Substances**:

Not available

|  |  |  |
| --- | --- | --- |
|  | 12.3 | Bioaccumulative potential |
|  |  |  |

The product has not been tested.

### **Data for mixture**:

Not available

### **Substances**:

Not available

|  |  |  |
| --- | --- | --- |
|  | 12.4 | Mobility in soil |
|  |  |  |

The product has not been tested.

### **Data for mixture**:

Not available

### **Substances**:

Not available

|  |  |  |
| --- | --- | --- |
|  | 12.5 | Results of PBT and vPvB assessment |
|  |  |  |

No data available.

|  |  |  |
| --- | --- | --- |
|  | 12.6 | Other adverse effects |
|  |  |  |

No data available.

|  |  |  |
| --- | --- | --- |
|  | 12.7 | Additional ecotoxicological information |
|  |  |  |

Not available

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **section** | 13 | Disposal considerations |  |

|  |  |  |
| --- | --- | --- |
|  | 13.1 | Waste treatment methods |
|  |  |  |

### **Product/Packaging disposal**:

#### **Waste codes/waste designations according to EWC/AVV**:

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

#### **Waste treatment options**:

#### **Appropriate disposal/Product**:

Waste requiring special supervision.

Dispose of waste according to applicable legislation.

Delivery to an approved waste disposal company.

#### **Appropriate disposal/Package**:

Non-contaminated packages must be recycled or disposed of.

Contaminated packing must be completely emptied and can be reused after proper cleaning.

Packing which cannot be properly cleaned must be disposed of.

Handle contaminated packages in the same way as the substance itself.

Dispose of waste according to applicable legislation.

#### **Remark**:

For recycling, contact manufacturer.

Collect the waste separately.

Consult the appropriate authorities about waste disposal.

Do not mix with other wastes.

The waste is to be kept separate from other types of waste until its disposal.

Concerning the waste it has to be checked, whether a transport authorisation is required.

|  |  |  |
| --- | --- | --- |
|  | 13.2 | Additional information |
|  |  |  |

Not available

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **section** | 14 | Transport information |  |

|  |  |  |
| --- | --- | --- |
|  | 14.1 | UN number |
|  |  |  |

Not available

|  |  |  |
| --- | --- | --- |
|  | 14.2 | UN proper shipping name |
|  |  |  |

Not available

|  |  |  |
| --- | --- | --- |
|  | 14.3 | Transport hazard class(es) |
|  |  |  |

Not available

|  |  |  |
| --- | --- | --- |
|  | 14.4 | Packing group |
|  |  |  |

Not available

|  |  |  |
| --- | --- | --- |
|  | 14.5 | Environmental hazards |
|  |  |  |

Not available

|  |  |  |
| --- | --- | --- |
|  | 14.6 | Special precautions for user |
|  |  |  |

Not available

|  |  |  |
| --- | --- | --- |
|  | 14.7 | Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code |
|  |  |  |

Not available

|  |  |  |
| --- | --- | --- |
|  | 14.8 | Additional information |
|  |  |  |

Not available

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **section** | 15 | Regulatory information |  |

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

This SDS has been established in accordance with REACH regulation, including its amendments: REACH Regulation (EC) No 1907/2006.

This SDS has been established in accordance with CLP regulation, including its amendments: CLP Regulation EC No. 1272/2008.

### **EU legislation**:

CLP: Harmonised classification and labelling of hazardous substances (Annex VI, table 3.1)\_ATP 15:

|  |  |  |
| --- | --- | --- |
| **Substance** | **CAS** | **EC** |
| geraniol | 106-24-1 | 203-377-1 |

CLP: Harmonised classification and labelling of hazardous substances (Annex VI, table 3.1)\_ATP 17:

|  |  |  |
| --- | --- | --- |
| **Substance** | **CAS** | **EC** |
| (R)-p-mentha-1,8-diene | 5989-27-5 | 227-813-5 |

Directive n°648/2004 (Allergenic fragrance ingredients N°1223/2009):

|  |  |  |
| --- | --- | --- |
| **Substance** | **CAS** | **EC** |
| linalool | 78-70-6 | 201-134-4 |
| citronellol | 106-22-9 | 203-375-0 |
| (R)-p-mentha-1,8-diene | 5989-27-5 | 227-813-5 |
| geraniol | 106-24-1 | 203-377-1 |
| citral | 5392-40-5 | 226-394-6 |

REACH: Annex XVII (Restrictions):

|  |  |  |
| --- | --- | --- |
| **Substance** | **CAS** | **EC** |
| (R)-p-mentha-1,8-diene | 5989-27-5 | 227-813-5 |

|  |  |  |
| --- | --- | --- |
|  | 15.2 | Chemical Safety Assessment |
|  |  |  |

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

For this substance/mixture a chemical safety assessment has been elaborated.

For this mixture, the relevant data of the Substances' Chemical safety assessment are integrated in the sections of the SDS.

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| --- | --- | --- |
|  | 15.3 | Additional information |
|  |  |  |

Not available

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| --- | --- | --- | --- | --- |
|  | **section** | 16 | Other information |  |

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| --- | --- | --- |
|  | 16.1 | Indication of changes |
|  |  |  |

Not applicable (first edition of the MSDS).

|  |  |  |
| --- | --- | --- |
|  | 16.2 | Abbreviations and acronyms |
|  |  |  |

CAS: Chemical Abstract Service Number.

IATA: International Air Transport Association.

IMDG: International Maritime Dangerous Goods Code.

DPD Dangerous Preparation Directive.

UN number: United Nations number.

No EC: European Commission Number.

ADN/ADNR: Regulations concerning the transport of dangerous substances in barges on the waterways.

ADR/RID: European Agreement concerning the International Carriage of Dangerous Goods by Road/Regulations concerning the international carriage of dangerous goods by rail.

CLP: Classification, labeling and packaging.

VPvB: very persistent and very bioaccumulative substances.

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| --- | --- | --- |
|  | 16.3 | Key literature references and sources for data |
|  |  |  |

No data available.

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| --- | --- | --- |
|  | 16.4 | Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP] |
|  |  |  |

Classification of the mixture is in accordance with the evaluation method described in Regulation (EC) No 1272/2008.

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|  | 16.5 | Relevant R-, H- and EUH-phrases (Number and full text) |
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|  |  |  |
| --- | --- | --- |
| H226 | Flam. Liq. 3 | Flammable liquid and vapour. |
| H228 | Flam. Sol. 2 | Flammable solid. |
| H302 | Acute Tox. 4 ORAL | Harmful if swallowed |
| H304 | Asp. Tox. 1 | May be fatal if swallowed and enters airways. |
| H312 | Acute Tox. 4 DERMAL | Harmful in contact with skin. |
| H315 | Skin Irrit. 2 | Causes skin irritation. |
| H317 | Skin Sens. 1 | May cause an allergic skin reaction. |
| H318 | Eye Dam. 1 | Causes serious eye damage. |
| H319 | Eye Irrit. 2 | Causes serious eye irritation |
| H332 | Acute Tox. 4 INHALATION | Harmful if inhaled. |
| H335 | STOT SE 3 H335 | May cause respiratory irritation |
| H371 | STOT SE 2 | May cause damage to organs. |
| H400 | Aquatic Acute 1 | Very toxic to aquatic life. |
| H412 | Aquatic Chronic 3 | Harmful to aquatic life with long lasting effects |

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|  | 16.6 | Training advice |
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Refer to Sections 4, 5, 6, 7 and 8 of this safety data sheet.

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|  | 16.7 | Additional information |
|  |  |  |

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| --- |
| The information given in this Safety Data Sheet is based on our present knowledge and on European and national regulations.This Safety Data Sheet describes safety requirements relative to identified uses, it doesn't guarantee all the product properties particularly in the case of non identified uses.The product mustn't be used for any uses other than those identified under heading 1.Since the user's working conditions are not known by us, it is the responsability of the user to take all necessary measures to comply with legal requirements for specific uses and avoid negative health effects. |