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**SAFETY DATA SHEET**

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

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A safety data sheet is not required for this product under Article 31 of REACH. This safety data sheet has been created on a voluntary basis to communicate relevant information under Article 32.

**1.1 Product identifier**

- Product Name: Salts Adhesive Remover Wipes
- Product Part Number: WAP2
- Product Description: Wipe with adhesive remover solution – 3 mL/wipe

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

- Use of the substance/mixture: Used for the removal of adhesive residue from patient's skin.
- Use advised against: No information available

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

- Name of Supplier: Salts Healthcare UK
- Address of Supplier: Richard Street  
Aston, Birmingham  
B7 4AA  
United Kingdom
- Telephone: +44 (0) 121 333 2000
- Fax: +44 (0) 146 324 0950
- Email: hello@salts.co.uk

**1.4 Emergency telephone number**

- +44 (0) 121 333 2000
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**SECTION 2: Hazards identification**

Exempt from the requirements of CLP as product is regulated as a medical device or an accessory to a medical device. Information is provided to inform users of the hazards associated with the use of the product.

**2.1 Classification of the substance or mixture**

- Classification (REGULATION (EC) No 1272/2008) [CLP/GHS]: Flam. Liq. 2, H225; Aquatic Acute 1, H400; Aquatic Chronic 2, H411
- Additional information: For full text of Hazard and EU Hazard statements: see section 16

**2.2 Label elements**

- Exempt from labelling requirements under CLP
- This product is covered by the Medical Devices Regulation (EU) 2017/745 (MDR)

**2.3 Other hazards**

- Not a PBT according to REACH Annex XIII
  - Not a vPvB according to REACH Annex XIII
  - Does not contain any substances with endocrine disrupting properties
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**SECTION 3: Composition/information on ingredients****3.1 Substances**

- Not applicable

**3.2 Mixtures**

**SECTION 3: Composition/information on ingredients (....)**

- Contains the following hazardous ingredients or ingredients with a workplace exposure limit:

| Chemical Name        | Conc.     | CAS No.    | EC No.    | Classification<br>(REGULATION<br>(EC) No<br>1272/2008)<br>[CLP/GHS]          | SCL/<br>M-Factor/<br>ATE | REACH<br>Registration<br>Number | WEL/<br>OEL |
|----------------------|-----------|------------|-----------|--|--------------------------|---------------------------------|-------------|
| Hexamethyldisiloxane | 99 - 100% | 107-46-0   | 203-492-7 | Flam. Liq. 2, H225<br>Aquatic Acute 1,<br>H400<br>Aquatic Chronic 2,<br>H411 | -                        | 01-2119496108-31-XXXX           | No          |
| Peppermint oil       | < 1%      | 68917-18-0 | -         | Not classified   | -                        | -                               | No          |

**SECTION 4: First aid measures****4.1 Description of first aid measures****Contact with eyes**

If substance has got into eyes, immediately wash out with plenty of water for several minutes  
Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.

**Contact with skin**

No hazard expected under normal conditions of use  
If skin irritation or rash occurs: gently wash with plenty of soap and water

**Ingestion**

Rinse mouth with water (do not swallow)  
Do NOT induce vomiting.  
Never give anything by mouth to an unconscious person  
Get medical advice/attention.

**Inhalation**

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.  
IF exposed or concerned: Get medical advice/attention.

**4.2 Most important symptoms and effects, both acute and delayed****Contact with eyes**

Mildly irritating to eyes

**Contact with skin**

No hazard expected under normal conditions of use

**Ingestion**

The ingestion of significant quantities may cause nausea/vomiting  
May cause gastro-intestinal irritation

**Inhalation**

In cases of severe exposure, irritation of the respiratory tract may develop

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

- Treat symptomatically
- The onset of effects may be delayed, keep affected person under medical observation

**SECTION 5: Firefighting measures**

## 5.1 Extinguishing media

- Suitable extinguishing media: Sand/earth; water spray; water fog; alcohol resistant foam; dry powder; carbon dioxide
- Unsuitable extinguishing media: High volume water jet

## 5.2 Special hazards arising from the substance or mixture

- Highly flammable liquid and vapour.
- Vapours may ignite
- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback
- Gives off irritating or toxic fumes (or gases) in a fire.
- Decomposition products may include carbon oxides, nitrogen oxides, silicon oxides, formaldehyde

## 5.3 Advice for firefighters

- Special protective equipment: Wear self-contained breathing apparatus (SCBA). Wear full protective clothing including chemical protection suit.
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**SECTION 6: Accidental release measures**

## 6.1 Personal precautions, protective equipment and emergency procedures

- No action shall be taken involving any personal risk or without suitable training
- Only trained and authorised personnel should carry out emergency response
- Personal precautions for non-emergency personnel: Avoid contact with eyes ; Avoid breathing vapours, mist or gas; Ventilate the area and wash spill site after material pick-up is complete; Wash thoroughly after dealing with spillage
- Personal precautions for emergency responders: Evacuate the area and keep personnel upwind; Shut off all ignition sources; Wear chemical protection suit; Wear self-contained breathing apparatus (SCBA)

## 6.2 Environmental precautions

- Do not allow to enter public sewers and watercourses
- Avoid release to the environment.

## 6.3 Methods and material for containment and cleaning up

- Small spills  
Wipe up spillage with damp absorbent cloth or towel
- Large spills  
Shut off all ignition sources  
Use non-sparking tools.  
Take action to prevent static discharges.  
Absorb spillage in suitable inert material  
Place in appropriate container  
Remove contaminated material to safe location for subsequent disposal  
Ventilate the area and wash spill site after material pick-up is complete

## 6.4 Reference to other sections

- See section(s): 7, 8 & 13
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**SECTION 7: Handling and storage**

## 7.1 Precautions for safe handling

- Ensure adequate ventilation
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**SECTION 7: Handling and storage (....)**

- Avoid breathing vapours, mist or gas
- Keep away from oxidisers, heat, flames or ignition sources
- Do not eat, drink or smoke when using this product.
- Avoid contact with eyes

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

- Keep locked up and out of reach of children
- Keep only in original packaging.
- Keep in a cool, dry, well ventilated place
- Keep in highly flammable materials store
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Take action to prevent static discharges.
- Equipment should be earthed
- Incompatible with strong oxidising agents, strong acids, strong bases

**7.3 Specific end use(s)**

- Adhesive remover

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

- If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.  
Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace exposure - Measurement of exposure by inhalation to chemical agents - Strategy for testing compliance with occupational exposure limit values). European Standard EN 14042 (Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents). European Standard EN 482 (Workplace exposure. General requirements for the performance of procedures for the measurement of chemical agents). Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

**Hexamethyldisiloxane**

WEL (long term) 200 ppm (Supplier)  
DNEL (inhalational) 53.4 mg/m<sup>3</sup> Industry, Long Term, Systemic Effects  
DNEL (dermal) 333 mg/kg (bw/day) Industry, Long Term, Systemic Effects  
DNEL (inhalational) 13.3 mg/m<sup>3</sup> Consumer, Long Term, Systemic Effects  
DNEL (dermal) 167 mg/kg (bw/day) Consumer, Long Term, Systemic Effects  
DNEL (oral) 270 ug/kg (bw/day) Consumer, Long Term, Systemic Effects  
PNEC aqua (freshwater) 2 µg/L  
PNEC aqua (intermittent releases, freshwater) 3 µg/L  
PNEC aqua (marine water) 200 ng/L  
PNEC (STP) 10 mg/L  
PNEC sediment (freshwater) 8.9 mg/kg  
PNEC sediment (marine water) 890 µg/kg  
PNEC terrestrial (soil) 83 µg/kg  
PNEC secondary poisoning (food) 5.3 mg/kg

**Peppermint oil**

No exposure limits have been set for this substance

**8.2 Exposure controls**

- Selection and use of containment devices and personal protective equipment should be based on a risk assessment of exposure potential
- Engineering controls
  - Ensure adequate ventilation
  - Use explosion-proof ventilating and lighting equipment.

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**SECTION 8: Exposure controls/personal protection (....)**

- Respiratory protection  
None required for normal handling of product  
In case of insufficient ventilation, wear suitable respiratory equipment
- Skin protection  
None required for normal handling of product
- Eye/face protection  
None required for normal handling of product
- Thermal hazards  
Not applicable
- Hygiene measures  
Use good personal hygiene practices  
Do not eat, drink or smoke when using this product.  
Wash thoroughly after handling.
- Environmental exposure controls  
Do not empty into drains  
Do not allow to penetrate the ground/soil.



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**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

- Appearance: Wipe containing 3 mL liquid
- Colour: White
- Odour: Peppermint
- Melting point/freezing point: -68.2 °C @ 101.3 kPa (Hexamethyldisiloxane)
- Boiling point or initial boiling point and boiling range: 100.5 °C @ 101.3 kPa (Hexamethyldisiloxane)
- Flammability: Highly flammable liquid and vapour.
- Lower and upper explosion limit: Lower explosive limit: (Hexamethyldisiloxane) 1.5% (in air); Upper explosive limit: (Hexamethyldisiloxane) 14.65% (in air)
- Flash point: -6 °C c.c. (Hexamethyldisiloxane)
- Auto-ignition temperature: 340 °C @ 101.3 kPa (Hexamethyldisiloxane)
- Decomposition temperature: No information available
- pH: Not applicable
- Kinematic viscosity: No information available
- Solubility: 930 µg/L @ 23 °C (Hexamethyldisiloxane)
- Partition coefficient n-octanol/water (log value): Log Pow: 5.06 - 5.2 @ 20 - 25 °C (Hexamethyldisiloxane)
- Vapour pressure: 43 - 55 hPa @ 20 - 25 °C (Hexamethyldisiloxane)
- Density and/or relative density: 0.764 @ 20 °C (Hexamethyldisiloxane)
- Relative vapour density: No information available
- Particle characteristics: Not applicable

**9.2 Other information**

- No information available

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**SECTION 10: Stability and reactivity****10.1 Reactivity**

**SECTION 10: Stability and reactivity (....)**

- Vapours may ignite

**10.2 Chemical stability**

- Considered stable under normal conditions

**10.3 Possibility of hazardous reactions**

- May form explosive vapour/air mixtures
- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback

**10.4 Conditions to avoid**

- Avoid overheating
- Keep away from heat and sources of ignition
- Keep away from direct sunlight
- Keep away from static electricity

**10.5 Incompatible materials**

- Incompatible with strong oxidising agents, strong acids, strong bases

**10.6 Hazardous decomposition products**

- Decomposition products may include carbon oxides, nitrogen oxides, silicon oxides, formaldehyde

**SECTION 11: Toxicological information**

Reviewed in accordance with ISO 10993-1:2018 Biological Evaluation of Medical Devices

**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

- Acute Toxicity

Based on available data, the classification criteria are not met

**Substances**

| Chemical Name        | LD <sub>50</sub><br>(oral, rat) | LC <sub>50</sub><br>(inhalation, rat) | LD <sub>50</sub><br>(dermal, rabbit) |
|----------------------|---------------------------------|---------------------------------------|--------------------------------------|
| Hexamethyldisiloxane | 12 160 mg/kg                    | (4 h) 15 956 ppm                      | 2 000 mg/kg (rat)                    |
| Peppermint oil       | 2 426 mg/kg                     | No data available                     | 5 000 mg/kg                          |

- Skin corrosion/irritation

Based on available data, the classification criteria are not met

**Substances**

| Chemical Name        | Irritation/corrosion                        |
|----------------------|---|
| Hexamethyldisiloxane | No adverse effect observed (not irritating) |
| Peppermint oil       | No adverse effect observed (not irritating) |

- Serious eye damage/irritation

Based on available data, the classification criteria are not met

**Substances**

| Chemical Name        | Irritation/corrosion                        |
|----------------------|---|
| Hexamethyldisiloxane | No adverse effect observed (not irritating) |
| Peppermint oil       | No adverse effect observed (not irritating) |

- Respiratory or skin sensitisation

Based on available data, the classification criteria are not met

**SECTION 11: Toxicological information (....)**

## Substances

| Chemical Name        | Skin sensitisation                           | Respiratory sensitisation |
|----------------------|--|---------------------------|
| Hexamethyldisiloxane | No adverse effect observed (not sensitising) | No data available         |
| Peppermint oil       | No adverse effect observed (not sensitising) | No data available         |

## - Germ cell mutagenicity

Based on available data, the classification criteria are not met

## Substances

| Chemical Name        | Toxicity - In Vitro                   | Toxicity - In Vivo                    |
|----------------------|---------------------------------------|---------------------------------------|
| Hexamethyldisiloxane | No study available                    | No adverse effect observed (negative) |
| Peppermint oil       | No adverse effect observed (negative) | No data available                     |

## - Carcinogenicity

Based on available data, the classification criteria are not met

## Substances

| Chemical Name        | NOAEL (oral, rat) | NOAEC (inhalation, rat)  | NOAEL (dermal, rat) |
|----------------------|-------------------|--------------------------|---------------------|
| Hexamethyldisiloxane | No data available | 33 200 mg/m <sup>3</sup> | No data available   |
| Peppermint oil       | No data available | No data available        | No data available   |

## - Reproductive toxicity

No evidence of reproductive effects

## Substances

| Chemical Name        | NOAEL (oral, rat) | NOAEC (inhalation, rat)   | NOAEL (dermal, rat) |
|----------------------|-------------------|---|---------------------|
| Hexamethyldisiloxane | No data available | 33 200 mg/m <sup>3</sup><br>(Effect on fertility)<br>19 924 mg/m <sup>3</sup><br>(Effect on developmental toxicity) | No data available   |
| Peppermint oil       | No data available | No data available   | No data available   |

## - Specific target organ toxicity (STOT) - single exposure

Based on available data, the classification criteria are not met

## Substances

| Chemical Name        | Route       | Remarks            |
|----------------------|-------------|--------------------|
| Hexamethyldisiloxane | Respiratory | No study available |
| Peppermint oil       | Respiratory | No data available  |

## - Specific target organ toxicity (STOT) - repeated exposure

Based on available data, the classification criteria are not met

## Substances

| Chemical Name        | NOAEL (oral, rat) | NOAEC (inhalation, rat) | NOAEL (dermal, rat) |
|----------------------|-------------------|-------------------------|---------------------|
| Hexamethyldisiloxane | 160 mg/kg bw/day  | 400 ppm                 | 1 000 mg/kg bw/day  |
| Peppermint oil       | No data available | No data available       | No data available   |

## - Aspiration hazard

Based on available data, the classification criteria are not met

## - Contact with eyes

Mildly irritating to eyes

## - Contact with skin

No hazard expected under normal conditions of use

## SECTION 11: Toxicological information (....)

- Ingestion  
The ingestion of significant quantities may cause nausea/vomiting  
May cause gastro-intestinal irritation
- Inhalation  
In cases of severe exposure, irritation of the respiratory tract may develop

### 11.2 Information on other hazards

- Does not contain any substances with endocrine disrupting properties

## SECTION 12: Ecological information

### 12.1 Toxicity

- Very toxic to aquatic life with long lasting effects.
- Classification based on calculation and concentration thresholds

#### Substances

| Chemical Name        | LC <sub>50</sub> (fish)   | EC <sub>50</sub> (aquatic invertebrates) | EC <sub>50</sub> (aquatic algae) |
|----------------------|---------------------------|--|----------------------------------|
| Hexamethyldisiloxane | (4 days) 460 - 3 020 µg/L | No data available                        | (70 h) 180 - 550 µg/L            |
| Peppermint oil       | No data available         | No data available                        | No data available                |

### 12.2 Persistence and degradability

- Not readily biodegradable

#### Substances

| Chemical Name        | Biodegradation   |
|----------------------|--|
| Hexamethyldisiloxane | Biodegradation in water screening tests:<br>2% biodegradation in 28 days<br>(O <sub>2</sub> consumption) (OECD 301C) |
| Peppermint oil       | No data available  |

### 12.3 Bioaccumulative potential

- Potential bioaccumulation

#### Substances

| Chemical Name        | Bioconcentration Factor (BCF) | Log K <sub>ow</sub>    |
|----------------------|-------------------------------|------------------------|
| Hexamethyldisiloxane | 1 971 L/kg ww                 | (Log Pow) 5.06 @ 20 °C |
| Peppermint oil       | No data available             | No data available      |

### 12.4 Mobility in soil

- Insoluble in water

#### Substances

| Chemical Name        | Adsorption/desorption        |
|----------------------|------------------------------|
| Hexamethyldisiloxane | K <sub>oc</sub> 1 000 @ 20°C |
| Peppermint oil       | No data available            |

### 12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII
- Not a vPvB according to REACH Annex XIII

### 12.6 Endocrine disrupting properties

- Does not contain any substances with endocrine disrupting properties

### 12.7 Other adverse effects



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**SECTION 12: Ecological information (....)**

- No information available
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**SECTION 13: Disposal considerations**

## 13.1 Waste treatment methods

- This material and/or its container must be disposed of as hazardous waste
- Avoid release to the environment.
- Disposal should be in accordance with local, state or national legislation

## 13.2 Classification

- The waste must be identified according to the List of Wastes (2000/532/EC)
  - Hazardous Property Code(s): HP 3 Flammable; HP 14 Ecotoxic
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**SECTION 14: Transport information**

Sealed packets and articles containing less than 10 ml of a packing group II or III flammable liquid absorbed into a solid material are not subject to ADR/IMDG/IATA provided there is no free liquid in the packet or article.



## 14.1 UN number or ID number

- UN No.: 3175

## 14.2 UN proper shipping name

- Proper Shipping Name: SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (hexamethyldisiloxane)

## 14.3 Transport hazard class(es)

- Hazard Class: 4.1

## 14.4 Packing group

- Packing Group: II

## 14.5 Environmental hazards

- Marine pollutant

## 14.6 Special precautions for user

- This material is classified as dangerous for transport under the UN model regulations but is not subject to ADR/RID, IMDG and ICAO/IATA due to specific exemptions in those rules

## 14.7 Maritime transport in bulk according to IMO instruments

- Not applicable

## 14.8 Road/Rail (ADR/RID)

- Proper Shipping Name: SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (hexamethyldisiloxane)
- ADR UN No.: 3175
- ADR Hazard Class: 4.1
- ADR Packing Group: II
- Tunnel Code: (E)
- Special Provision(s): 216; Sealed packets and articles containing less than 10 ml of a packing group II or III flammable liquid absorbed into a solid material are not subject to ADR/IMDG/IATA provided there is no free liquid in the packet or article.

## 14.9 Sea (IMDG)

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**SECTION 14: Transport information (....)**

- Proper Shipping Name: SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (hexamethyldisiloxane)
- IMDG UN No.: 3175
- IMDG Hazard Class: 4.1
- IMDG Packing Group: II
- Special Provision(s): 216; Sealed packets and articles containing less than 10 ml of a packing group II or III flammable liquid absorbed into a solid material are not subject to ADR/IMDG/IATA provided there is no free liquid in the packet or article.

**14.10 Air (ICAO/IATA)**

- Proper Shipping Name: SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (hexamethyldisiloxane)
- ICAO UN No.: 3175
- ICAO Hazard Class: 4.1
- ICAO Packing Group: II
- Special Provision(s): A46; Small inner packagings consisting of sealed packets or articles containing less than 10 mL of a Packing Group II or III flammable liquid absorbed into a solid material are not subject to these Regulations provided there is no free liquid in the packet or article.

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**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

- A safety data sheet is not required for this product under Article 31 of REACH. This safety data sheet has been created on a voluntary basis to communicate relevant information under Article 32.
- This safety data sheet is provided in compliance with REACH Regulation (EC) No 1907/2006 (as amended by Regulation (EU) 2020/878) and UK REACH
- The GB Classification, Labelling and Packaging Regulation (GB CLP) applies in Great Britain
- Regulation (EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP Regulation) applies in Europe
- Exempt from the requirements of CLP as product is regulated as a medical device or an accessory to a medical device. Information is provided to inform users of the hazards associated with the use of the product.
- This product is covered by the Medical Devices Regulation (EU) 2017/745 (MDR)
- Reviewed in accordance with ISO 10993-1:2018 Biological Evaluation of Medical Devices

**15.2 Chemical safety assessment**

- A REACH chemical safety assessment has not been carried out

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**SECTION 16: Other information**

This information is intended to cover potential hazards at the place of work and does not detail medical uses, indications, contra-indications and precautions for the treatment of patients.

Sources of data: Information from published literature and supplier safety data sheets

Version 1.0.0. Created October 2015 by ChemRegs (UK) Ltd.

Revision No. 2.0.0. Revised March 2020.

Changes made: Updates to section 2.2 for labelling and changes to all sections

Revision No. 3.0.0. Revised November 2022.

Changes made: Updated to conform to the latest version of REACH Annex II and the Medical Devices Regulation (EU) 2017/745 (MDR)

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

- Flam. Liq. 2, H225: Classification based on calculation and concentration thresholds

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**SECTION 16: Other information (....)**

- Aquatic Acute 1, H400: Classification based on calculation and concentration thresholds
- Aquatic Chronic 2, H411: Classification based on calculation and concentration thresholds

Text not given with phrase codes where they are used elsewhere in this safety data sheet:

- H225: Highly flammable liquid and vapour.
- H400: Very toxic to aquatic life
- H411: Toxic to aquatic life with long lasting effects

**Acronyms**

- CAS: Chemical Abstracts Service
- DNEL: Derived No-Effect Level
- EC: European Community
- EC<sub>50</sub>: Effective Concentration, 50%
- GHS: Globally Harmonised System
- LC<sub>50</sub>: Lethal Concentration, 50%
- LD<sub>50</sub>: Lethal Dose, 50%
- NOAEC: No Observed Adverse Effect Concentration
- NOAEL: No Observed Adverse Effect Level
- OEL: Occupational Exposure Limit
- PBT: Persistent, Bioaccumulative and Toxic
- PNEC: Predicted No-Effect Concentration
- REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
- SCL: Specific Concentration Limit
- STOT RE: Specific Target Organ Toxicity Repeated Exposure
- STOT SE: Specific Target Organ Toxicity Single Exposure
- SVHC: Substances of Very High Concern
- vPvB: very Persistent and very Bioaccumulative
- WEL: Workplace Exposure Limit

--- end of safety datasheet ---

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