

**Section 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

**Product name:** HALOCARBON OILS SERIES 1.8 - 1000

**CAS number:** 9002-83-9

**Product code:** OILS

**Synonyms:** POLYCHLOROTRIFLUOROETHYLENE

**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.3. Details of the supplier of the safety data sheet**

**Company name:** Chemical Raw Materials Ltd

10 Pine View Close

Haslemere

Surrey

GU27 1DU

UK

**Tel:** +44 (0) 1428 648851

**Fax:** +44 (0) 1428 648852

**Email:** [safety@chemrawmat.co.uk](mailto:safety@chemrawmat.co.uk)

**1.4. Emergency telephone number**

**Emergency tel:** +44 (0) 1428 648851

**Section 2: Hazards identification****2.1. Classification of the substance or mixture**

**Classification under CLP:** This product has no classification under CLP.

**2.2. Label elements**

**Label elements:** This product has no label elements.

**2.3. Other hazards**

**PBT:** This substance is not identified as a PBT substance.

**Section 3: Composition/information on ingredients****3.1. Substances**

**Chemical identity:** HALOCARBON OILS SERIES 1.8 - 1000

**Contains:** POLYCHLOROTRIFLUOROETHYLENE POLYMERS

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**Section 4: First aid measures**

**4.1. Description of first aid measures**

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes.

**Ingestion:** Wash out mouth with water.

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

**Eye contact:** There may be irritation and redness.

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

**Section 5: Fire-fighting measures**

**5.1. Extinguishing media**

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used.

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

**Exposure hazards:** In combustion emits toxic fumes of hydrogen fluoride.

**5.3. Advice for fire-fighters**

**Advice for fire-fighters:** Wear self-contained breathing apparatus.

**Section 6: Accidental release measures**

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

**Personal precautions:** Refer to section 8 of SDS for personal protection details.

**6.2. Environmental precautions**

**Environmental precautions:** Contain the spillage using bunding.

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

**Clean-up procedures:** Absorb into dry earth or sand. Wash the ground with an appropriate self-emulsifying solvent.

**6.4. Reference to other sections**

**Section 7: Handling and storage**

**7.1. Precautions for safe handling**

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

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

**Section 8: Exposure controls/personal protection**

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**8.1. Control parameters**

**Workplace exposure limits:** Not applicable.

**8.2. Exposure controls**

**Eye protection:** Ensure eye bath is to hand.

**Section 9: Physical and chemical properties**

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

**State:** Liquid

**Colour:** Colourless

**Odour:** Barely perceptible odour

**Evaporation rate:** Negligible

**Oxidising:** Non-oxidising (by EC criteria)

**Solubility in water:** Insoluble

**Also soluble in:** Most organic solvents.

**Viscosity:** Viscous

**Boiling point/range°C:** >200

**upper:** none

**Part.coeff. n-octanol/water:** n/a

**Vapour pressure:** <0.1 mmHg @ 21c

**pH:** n/a

**Flammability limits %: lower:** none

**Flash point°C:** none

**Autoflammability°C:** none

**Relative density:** 1.9

**9.2. Other information**

**Other information:** Not applicable.

**Section 10: Stability and reactivity**

**10.1. Reactivity**

**10.2. Chemical stability**

**Chemical stability:** Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

**10.4. Conditions to avoid**

**10.5. Incompatible materials**

**Materials to avoid:** Reacts with active metals like Sodium and Potassium, liquid Fluorine and Chlorine Trifluoride. Caution should be used with Aluminium and Magnesium alloys under conditions of very high torque such as those found in threaded connections.

**10.6. Hazardous decomposition products**

**Haz. decomp. products:** In combustion emits toxic fumes of hydrogen fluoride. Decomposition to toxic, volatiles occurs rapidly at 325 °C, noticeably at 300 °C.

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**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

**Toxicity values:**

Route	Species	Test	Value	Units
ORL	RAT	LD50	>2500	mg/kg

**Symptoms / routes of exposure**

**Eye contact:** There may be irritation and redness.

**Section 12: Ecological information**

**12.1. Toxicity**

**Ecotoxicity values:** Not applicable.

**12.2. Persistence and degradability**

**Persistence and degradability:** Not biodegradable.

**12.3. Bioaccumulative potential**

**12.4. Mobility in soil**

**Mobility:** Heavier than water.

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

**PBT identification:** This substance is not identified as a PBT substance.

**12.6. Other adverse effects**

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal operations:** Incineration on land.

**Disposal of packaging:** Dispose of as normal industrial waste.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**Section 14: Transport information**

**Transport class:** This product does not require a classification for transport.

**Section 15: Regulatory information**

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

**15.2. Chemical Safety Assessment**

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

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**Section 16: Other information**

**Other information**

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

This material meets the requirements of a polymer, as defined by REACH, the material does not require registration.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.