

SAFETY DATA SHEET

PROTECTIVE OIL

Product Description

Displaces moisture and humidity from the surface of metals. It is ideal to 'dry' metals and acts as a fixative after using Curator Antiquing Fluids. Will also help retard tarnishing after polishing by depositing a thin protective film on the surface of the metal.

Directions

Dry the surface of the metal with a soft cloth. Wipe a soft cloth / cotton wool soaked in Protective Oil over the whole surface. Allow to dry for 24 hours without handling. May be spray applied.

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

1.1 Product Identifier

Product Name: Protective Oil

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

Use as supplied

1.3 Details of the supplier of the safety data sheet

Company Name : Horological Solvents Ltd
Barnside, 194 Wellington Road, Bury, Lancs. BL9 9AH
Tel: 0161 764 2741
Fax : 0161 764 8696
Email : horological@restoration-materials.co.uk

1.4 Emergency telephone number

Emergency tel : 0161 764 2741 (office hours only)

SECTION 2 : Hazards Identification

2.1 Classifications of the substance or mixture

Classification under CLP : Asp. Tox 1: H304
Most important adverse effects : May be fatal if swallowed and enters airways.

2.2 Label elements

Label elements :
Hazard Statements : H304 : May be fatal if swallowed and enters airways
Hazard Pictograms : GHS08 : Health Hazard



Signal Words : Danger
Precautionary Statements: P102 : Keep out of reach of children
P260 : Do not breathe spray
P262 : Do not get in eyes, on skin, or on clothing.
P301 +310 : IF SWALLOWED : Immediately call a POISON CENTRE / doctor.
P331 : Do NOT induce vomiting.
P405 : Store locked up.

2.3 Other hazards

Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

PBT : This product is not identified as a PBT/vPvB substance

SECTION 3 : Composition/information on ingredients

3.2 Hazardous Ingredients

Low boiling point hydrogen treated naphtha – naphtha (petroleum), hydrotreated heavy – REACH registered number(s) 01-2119486659-16-XXXX

EINECS	CAS	PBT/WEL	CLP Classification	Percent
265-150-3	64742-48-9	-	Asp. Tox. 1: H304: Flam. Luq. 3: H226	>75%

BASEOIL – UNSPECIFIED – DISTILLATES (PETROLEUM), SOLVENT-REFINED HEAVY PARAFFINIC – REACH registered number (s) : 01-2119488706-23-XXXX

265-090-8	64741-88-4	-	-	10 – 20%
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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.
 Inhalation : Remove to fresh air in case of accidental inhalation of vapours. Consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed

Skin Contact : There may be mild irritation at the site of contact
 Eye Contact : There may be irritation and redness
 Ingestion : There may be irritation of the throat.
 Inhalation : There may be irritation of the throat with a feeling of tightness in the Chest.

4.3 Indication of any immediate medical attention and special treatment needed

Immediate / special treatment : Not applicable.

SECTION 5 : Fire-fighting measures

5.1 Extinguishing Media

Extinguishing Media : Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2 Special hazards arising from the substance or mixture

Exposure hazards : In combustion emits toxic fumes

5.3 Advice for fire-fighters

Advice for fire-fighter : Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

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. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2 Environmental precautions

Environmental precautions : Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3 Methods of material for containment and cleaning up

Clean-up procedures : Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4 Reference to other sections

Reference to other sections : Refer to section 8 of SDS.

SECTION 7 : Handling and Storage

7.1 Precautions for safe handling

Handling requirements : Avoid the formation or spread of mists in the air. Avoid direct contact with the substance.

7.2 Conditions for safe storage, including any inculpabilities

Storage Conditions : Store in a cool, well ventilated area. Keep container tightly closed.

7.3 Specific end use(s)

Specific end use(s) : No data available.

SECTION 8 : Exposure controls / personal protection

8.1 Control parameters

Hazardous Ingredients : Low Boiling Point Hydrogen Treated Naphtha – Naphtha (Petroleum) Hydrotreated Heavy

Workplace exposure limits :

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
EU	180	-	-	-

8.2 Exposure controls

Engineering Measures: Ensure there is sufficient ventilation of the area.

Respiratory protection : Respiratory protection not required.

Hand Protection : Gloves (oil resistant) Breakthrough time of the glove material > 8 hours

Eye Protection : Safety glasses. Ensure eye bath is to hand.

Skin Protection : Protective clothing.

SECTION 9 : Physical and chemical properties

9.1 Information on basic physical and chemical properties

State : Oil
Colour : Brown
Odour : Solvent
Oxidising : Non-oxidising (by EC criteria)
Solubility in water : Insoluble
Boiling point / range °C : No data available
Flash Point °C : 67
Relative Density : 0.82
VOC g/l : 645

9.2 Other Information

Other Information : No data available.

SECTION 10 : Stability and reactivity

10.1 Reactivity

Reactivity : Stable under recommended transport or storage conditions.

10.2 Chemical stability

Chemical stability : Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions : Hazardous reactions will not occur under normal transport or Storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4 Conditions to avoid

Conditions to avoid : Heat

10.5 Incompatible materials

Materials to avoid : Strong oxidising agents. Strong acids.

10.6 Hazardous decomposition products

Haz. decomp. Products : In combustion emits toxic fumes.

SECTION 11 : Toxicological information

11.1 Information on toxicological effects

Hazardous Ingredients :

Low boiling point hydrogen treated naphtha (petroleum) hydrotreated heavy

Dermal	RBT	LD50	2000	Mg/kg
Oral	RAT	LD50	5000	Mg/kg

Symptoms / routes of exposure

Skin Contact : There may be mild irritation at the site of contact.

Eye Contact : There may be irritation and redness.

Ingestion : There may be irritation of the throat.

Inhalation : There may be irritation of the throat with a feeling of tightness in the chest.

SECTION 12 : Ecological Information

12.1 Toxicity

Ecotoxicity values : No data available

12.2 Persistence and degradability

Persistence and degradability : Biodegradable.

12.3 Bio accumulative potential

Bio accumulative potential. No bioaccumulation potential.

12.4 Mobility in soil

Mobility : Readily absorbed into soil.

12.5 Results of PBT and vPvB assessment

PBT identification : This product is not identified as a PBT/vPvB substance.

12.6 Other adverse effects

Other adverse effects : Negligible ecotoxicity.

SECTION 13 : Disposal considerations

13.1 Waste treatment methods

Disposal operations : Transfer to a suitable container and arrange for collection by specialised disposal company.

Waste code number : 13 08 99

Disposal of packaging : Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

N.B : The user 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

Specific regulations : Not applicable

15.2 Chemical Safety Assessment

SECTION 16 : Other Information

Other Information : This safety data sheet is prepared in accordance with Commission Regulation (EC) No 1272/2008

Phrases used in S2 & S3 : H226 : Flammable liquid and vapour

H304 : May be fatal if swallowed and enter airways

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.