



BY APPOINTMENT  
TO HER MAJESTY THE QUEEN  
MANUFACTURERS OF LEATHER  
J. HEWIT & SONS LTD, EDINBURGH

# J Hewit & Sons Ltd

## LEATHER MANUFACTURERS



12 Nettlehill Road  
Livingston  
WEST LOTHIAN  
EH54 5DL

Tel : +44 (0) 1506 444160  
Fax: +44 (0) 1506 437749  
sales@hewit.com  
www.hewit.com

### HEALTH AND SAFETY AND TECHNICAL INFORMATION

#### DYE-FIX

##### **Safety data sheet - according to 1907/2006/EC, Article 31**

Printing date 30.06.2014 Version number 1 Revision: 02.05.2013 - 38.1.0

##### · **Product identifier**

· **Trade name:** TRUPOFIX SLD

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

No further relevant information available.

· **Application of the substance / the mixture** Leather auxiliary

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

· **Manufacturer/Supplier:**

TRUMPLER GmbH & Co. KG, Chemische Fabrik

Hafenstr. 10 P.O. Box 23 36

D - 67547 Worms D - 67513 Worms

Telephone: (+49) 6241-4060

Telefax : (+49) 6241-406111

e-mail: mail@trumpler.de

· **Further information obtainable from:**

Product health and safety department / trademark registration

E-Mail: lohrer.walter@trumpler.de

· **Emergency telephone number:**

Trumpler Worms - Germany

tel.: (+49) 6241-4060

##### · **Classification of the substance or mixture**

· **Classification according to Regulation (EC) No 1272/2008**

GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.

GHS09 environment

Aquatic Acute 1 H400 Very toxic to aquatic life.

GHS07

Skin Irrit. 2 H315 Causes skin irritation.

· **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**

Xi; Irritant

R38-41: Irritating to skin. Risk of serious damage to eyes.

N; Dangerous for the environment

R50: Very toxic to aquatic organisms.

· **Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

##### · **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

· **Label elements**

· **Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

· **Hazard pictograms**

GHS05 GHS09

· **Signal word** Danger

· **Hazard-determining components of labelling:**

Amines, C10-16-alkyldimethyl, N-oxides

· **Hazard statements**

H315 Causes skin irritation.

H318 Causes serious eye damage.

H400 Very toxic to aquatic life.

· **Precautionary statements**

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **Chemical characterization: Mixtures**

· **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

EINECS: 274-687-2 Amines, C10-16-alkyldimethyl, N-oxides

Xi R38-41; N R50

Eye Dam. 1, H318; Aquatic Acute 1, H400; Skin Irrit. 2, H315

> 25%

· **Additional information** For the wording of the listed risk phrases refer to section 16.

· **Description of first aid measures**

· **General information** Immediately remove any clothing soiled by the product.

· **After inhalation** In case of unconsciousness place patient stably in side position for transportation.

· **After skin contact** Immediately wash with water and soap and rinse thoroughly.

· **After eye contact** Rinse opened eye for several minutes under running water. Then consult a doctor.

· **After swallowing** Rinse mouth with plenty of water, in case of illness seek medical advice.

· **Information for doctor**

· **Most important symptoms and effects, both acute and delayed** No further relevant information available.

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

No further relevant information available.

· **Extinguishing media**

· **Suitable extinguishing agents**

Use fire extinguishing methods suitable to surrounding conditions.

Water, water haze, extinguishing powder, foam, CO2

· **Special hazards arising from the substance or mixture**

gases from burning organic material are breathing poisons

· **Advice for firefighters**

· **Protective equipment:**

Quenching, saving and clearing work in case of fire or smouldering gas must be done with heavy gas mask and breathing equipment.

· **Additional information**

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

· **Personal precautions, protective equipment and emergency procedures**

Keep people at a distance and stay on the windward side.

Particular danger of slipping on leaked/spilled product.

· **Environmental precautions:**

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

· **Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

· **Reference to other sections**

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

- **Handling**

- **Precautions for safe handling**

Keep receptacles tightly sealed.

Stir well before use.

- **Information about fire - and explosion protection:**

Precautions known from regulations and literature must be observed.

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

- **Storage**

- **Requirements to be met by storerooms and receptacles:**

Use standard storage conditions: at ambient temperature and protected from light, air and humidity

- **Information about storage in one common storage facility:** Store away from foodstuffs.

- **Further information about storage conditions:** None.

- **Specific end use(s)** No further relevant information available.

- **Additional information about design of technical facilities:** No further data; see item 7.

- **Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- **Additional information:** The lists valid during the making were used as basis.

- **Exposure controls**

- **Personal protective equipment**

- **General protective and hygienic measures**

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the skin.

Do not eat, drink, smoke or sniff while working.

Use skin protection cream for skin protection.

- **Respiratory protection:** Not required.

- **Protection of hands:** safety gloves have to be resistant to chemicals (EN 374)

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Nitrile rubber, NBR

- **Penetration time of glove material**

The penetration time has to be at least 480 minutes (Permeation according to EN 374 Part 3: Level 6).

- **Eye protection:**

Tightly sealed goggles.

(EN 166)

- **Body protection:** Protective work clothing.

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

**Form:** Fluid

**Colour:** Yellowish

- **Odour:** Recognizable

- **Odour threshold:** Not determined.

- **pH-value (50 g/l) at 20 °C:** ca. 7.5

- **Change in condition**

**Melting point/Melting range:** not determined

**Boiling point/Boiling range:** > 100 °C

- **Flash point:** Not applicable

- **Flammability (solid, gaseous)** Not applicable.

- **Ignition temperature:** Not determined.

- **Decomposition temperature:** Not determined.

- **Self-igniting:** Product is not selfigniting.

- **Danger of explosion:** Product does not present an explosion hazard.

- **Explosion limits:**

**Lower:** Not determined.

**Upper:** Not determined.

· **Vapour pressure:** Not determined.

· **Density at 20 °C:** ca. 0.96 g/cm<sup>3</sup>

· **Relative density** Not determined.

· **Vapour density** Not determined.

· **Evaporation rate** Not determined.

· **Solubility in / Miscibility with**

**Water:** Fully miscible

· **Partition coefficient (n-octanol/water):** Not determined.

· **Viscosity:**

**dynamic:** Not determined.

**kinematic:** Not determined.

· **Other information** No further relevant information available.

· **Reactivity**

· **Chemical stability**

· **Thermal decomposition / conditions to be avoided:**

No decomposition if used and stored according to specifications.

· **Possibility of hazardous reactions** No dangerous reactions known

· **Conditions to avoid** No further relevant information available.

· **Incompatible materials:** No further relevant information available.

· **Hazardous decomposition products:** No dangerous decomposition products known

· **Information on toxicological effects**

· **Acute toxicity:**

· **Primary irritant effect:**

· **on the skin:** Irritant to skin and mucous membranes.

· **on the eye:** Strong irritant with the danger of severe eye injury.

· **Sensitization:** No sensitizing effects known.

· **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

Irritant

· **Toxicity**

· **Aquatic toxicity:** No further relevant information available.

· **Persistence and degradability** No further relevant information available.

· **Behaviour in environmental systems:**

· **Bioaccumulative potential** No further relevant information available.

· **Mobility in soil** No further relevant information available.

· **Ecotoxicological effects:**

· **Remark:** Very toxic for fish

· **Additional ecological information:**

· **General notes:**

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.

Very toxic for aquatic organisms

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **Other adverse effects** No further relevant information available.

· **Waste treatment methods**

· **Recommendation** Disposal must be made according to official regulations.

· **Uncleaned packaging:**

· **Recommendation:**

Non contaminated packagings may be reused.

Packagings that may not be cleansed are to be disposed of in the same manner as the product.

· **UN-Number**

· **ADR, IMDG, IATA** UN3082

· **UN proper shipping name**

· **ADR 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE,  
LIQUID, N.O.S. (Amines, C10-16-alkyldimethyl, N-oxides)**

- **IMDG ENVIRONMENTALLY HAZARDOUS SUBSTANCE**, LIQUID, N.O.S. (Amines, C10-16-alkyldimethyl, N-oxides), MARINE POLLUTANT
- **IATA ENVIRONMENTALLY HAZARDOUS SUBSTANCE**, LIQUID, N.O.S. (Amines, C10-16-alkyldimethyl, N-oxides)
- **Transport hazard class(es)**
- **ADR**
- **Class 9 (M6)** Miscellaneous dangerous substances and articles.
- **Label 9**
- **IMDG, IATA**
- **Class 9** Miscellaneous dangerous substances and articles.
- **Label 9**
- **Packing group**
- **ADR, IMDG, IATA III**
- **Environmental hazards:**
- **Marine pollutant:** Yes
- Symbol (fish and tree)
- **Special marking (ADR):** Symbol (fish and tree)
- **Special marking (IATA):** Symbol (fish and tree)
- **Special precautions for user** Warning: Miscellaneous dangerous substances and articles.
- **Danger code (Kemler):** 9
- **EMS Number:** F-A,S-F
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.
- **Transport/Additional information:**
- **ADR**
- **Limited quantities (LQ)** 5L
- **Transport category** 3
- **Tunnel restriction code** E
- **UN "Model Regulation":** UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Amines, C10-16-alkyldimethyl, N-oxides), 9, III

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

No further relevant information available.

· **Chemical safety assessment:**

Chemical Safety Assessments are not necessary for mixtures, because mixtures may be classified and labelled according to Directive 1999/45/EC until 31.05.2015.

A Chemical Safety Assessment has not been carried out.

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

H315 Causes skin irritation.

H318 Causes serious eye damage.

H400 Very toxic to aquatic life.

R38 Irritating to skin.

R41 Risk of serious damage to eyes.

R50 Very toxic to aquatic organisms.

· **Department issuing MSDS:**

Product health and safety department / trademark registration

E-Mail: lohrer.walter@trumpler.de

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1  
Aquatic Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1  
GB

The data are based on the current state of our knowledge, and are intended to describe the product with regard to the requirements of safety. The data should not be taken to imply any guarantee of a particular or general specification. It is the responsibility of the user of the product to ensure to his satisfaction that the product is suitable for the intended purpose and method of use. We do not accept responsibility for any harm caused by the use of this information. In all cases, our general conditions of sale apply.