

01569-1074

DALER ~ROWNEY

FINE ART & GRAPHIC MATERIALS
 Daler-Rowney Limited, PO Box 10, Bracknell, Berkshire RG12 8BT
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Health and Safety Data Sheet

(REVISION:DATE REVISED 30/06/03; REVISED SECTIONS 2, 3, 9, 10, 11, 12, 14, 15)

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

2.

Product : LOW ODOUR THINNERS.

Intended use: FOR THINNING OIL COLOUR AND OIL COLOUR MEDIUMS.

Name, Full address and telephone Number; Daler-Rowney Ltd
 Daler-Rowney House
 Bracknell
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 RG12 8ST
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2. CHEMICAL COMPOSITION/INFORMATION ON INGREDIENTS

Substances presenting a health hazard with the meaning of the Dangerous Substances Directive 67/548/EEC.

Names:	% (wt) Concentration	Symbol	R Phrases
Iso Paraffinic hydrocarbon	100	Xn	53, 65, 66

CAS number: 90622-57-4
 EINECS no. : 292-459-0

3. HAZARDS IDENTIFICATION OF PREPARATION

Harmful. May cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking. May cause long-term adverse effects in the aquatic environment.

Liquids can release vapours that can form flammable mixtures upon moderate heating to temperatures at or above the flash point.

Product can accumulate static charges which can cause an incendiary electrical discharge.

4. FIRST AID MEASURES.

General: In all cases if in doubt or when symptoms persist, seek medical advice.
 NEVER give anything by mouth to an unconscious person.

Inhalation: Using approved respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing has stopped. Keep at rest. Call for prompt medical attention.

Eye contact:	Irrigate eyes with copious amounts of clean water until discomfort subsides. If discomfort persists seek medical attention.
Skin contact:	Wash affected area with large amounts of water, use soap if available. Remove contaminated clothing including shoes and laundry before reuse.
Ingestion:	DO NOT induce vomiting. Keep at rest. Seek prompt medical attention.

5. FIRE FIGHTING METHODS

Extinguishing media: Use foam, dry chemical or water spray to extinguish fire.

Not to be used:

Recommendations/other information : Due to danger of boilover, avoid spraying water directly onto storage containers.

6. ACCIDENTAL RELEASE MEASURES

Eliminate sources of ignition Prevent liquid from entering sewers, watercourses or low areas. Contain spilled liquid with sand or earth. Consult an expert on disposal of recovered materials and ensure conformity to local disposal regulations.

7. HANDLING AND STORAGE

Handling: Keep container closed. Handle open containers with care.

Storage: Store in a cool, well ventilated place away from incompatible materials. DO NOT handle or store near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight.

7. EXPOSURE CONTROLS/PERSON PROTECTION

The recommended occupational exposure limit is 1200 mg/m³ TWA.

The use of a mechanical dilution ventilator is recommended whenever this product is used in a confined space, is heated above ambient temperatures or otherwise. For open systems where contact is likely, wear safety glasses with side shields and Helical resistant gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance :	Clear liquid.
Odour :	Aliphatic hydrocarbon odour.
pH of aqueous extract:	Not Applicable.
Boiling point:	Range 173 - 193°C
Flash point:	56°C
Flammability :	Not classified as flammable.
Explosive properties :	Explosive limits in air 0.6 –7.0 Chemical %

Specific gravity: 0.75
Solubility water: 0.1% by weight.
Organic solvents: 100% Hydrocarbon Solvent.

10. STABILITY AND REACTIVITY

Conditions to avoid: None known – Stable product.

Materials to avoid: Strong oxidising agents.

Hazardous decomposition products :

11. TOXICOLOGICAL INFORMATION

There are no data on the preparation itself.

Threshold limit: Recommended total hydrocarbon based on composition : 300 ppm

Ingestion: Small amount of liquid aspirated into the respiratory system during ingestion or from vomiting, may cause broncho-pneumonia or pulmonary oedema.

Skin: Low order of toxicity. Frequent or prolonged exposure may result in skin Dryness or cracking.

Eyes: Vapour concentrations above recommended exposure levels can cause Discomfort to the eyes.

Respiratory: Vapour concentrations above recommended exposure levels are irritating to the Respiratory tract, may cause headaches and dizziness, are anaesthetic and may Cause other central nervous effects.

12. ECOLOGICAL INFORMATION

No information on the biodegradability of this substance is available. This substance can degrade rapidly in the air. No acute toxicity to aquatic organisms is expected at the maximum water solubility of this material.

13. DISPOSAL CONSIDERATIONS

This product is not suitable for disposal by either landfill or via municipal sewer drains, natural streams or rivers. Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

Transport only in accordance with ADR for roads, RID for Rail, IMDG for sea and ICAO/IATA for air transport

ADR/RID: Class 3 UN Nr 3295 Label: Flammable

Proper shipping name: Hydrocarbons, Liquid N.O.S. (isodecanes and Isoundecanes)

Transport document name: UN3295, Hydrocarbons, Liquid N.O.S. (isodecanes and Isoundecanes), Class 3, PGIII ADR

IMDG : Class 3 UN Nr 3295

Proper shipping name: Hydrocarbons, Liquid N.O.S. (isodecanes and Isoundecanes)

ICAO/IATA: Class 3 UN Nr 3295 Proper shipping name

Proper shipping name: Hydrocarbons, Liquid N.O.S. (isodecanes and Isoundecanes)

Packaging Group. III

15. REGULATORY INFORMATION

In accordance with the Chemicals (Hazard Information and Packaging) Regulations 2002 the product is labelled as follows :

Danger Classification :	Harmful.	
Warning symbol:	St. Andrew's Cross	
Contains:	Isoparaffin	
R phrases :	R 65 R 66 R 53	Harmful : May cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking. May cause long term adverse effects in the Environment.
S phrases:	S 2 S 13 S 23 S 24 S 36/37 S 62	Keep out of reach of children. Keep away from food, drink and animal feeding stuffs. Do not breath fumes. Avoid contact with skin. Wear suitable protective clothing and gloves If swallowed do not induce vomiting. Seek medical advice immediately and show this container.

16. OTHER INFORMATION

The information on this MSDS is based on the present state of our knowledge and on current EEC and national Laws, as the users working conditions are beyond our knowledge and control. The product is not to be used for other purposes than specified in section 1 without first seeking our advice. It is always the responsibility of the user to take necessary steps in order to fulfil the demands laid down in the local rules of legislation. The information in this MSDS is meant as a description of the safety requirements of our product: it is not to be considered as a guarantee of the products properties.

This information is intended to conform with the requirements of Directive 91/155/EEC and to serve as a guide to the safe handling of the above mentioned products.

Date of Issue : Revised 30th July 2003.