

01569-1024

DALER ~ROWNEY

FINE ART & GRAPHIC MATERIALS

Daler-Rowney Limited, PO Box 10, Bracknell, Berkshire RG12 8BT
Telephone: Bracknell (01344) 424621 Fax: Bracknell (01344) 486511**Health and Safety Data Sheet**

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

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

Product : ALKYD FLOW MEDIUM

Intended use: MEDIUM FOR OIL COLOUR PAINTING.

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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	Supply Class	R Phrases
White Spirit [Naphtha (petroleum)] CAS number 64742-82-1	56%		10, 51/53, 65, 66, 67
Ethyl Methyl Ketoxime CAS number: 96-29-7	1%	Carc cat 3: Xn, Xi	21,40, 41, 43

3. HAZARDS IDENTIFICATION OF PREPARATION

Flammable product. Repeated exposure may cause skin dryness or cracking. May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

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:** Remove affected victim from exposure. Keep at rest. Seek urgent medical attention.
- Eye contact:** Irrigate with copious amounts of clean water until discomfort subsides. If symptoms persist, seek medical attention.
- Skin contact:** Wash affected area with large amounts of water. Use soap if available.
- Ingestion:** DO NOT induce vomiting. Keep at rest. Seek urgent medical attention.

5. FIRE FIGHTING METHODS

- Extinguishing media:** Use foam or dry chemical extinguishers.
- Not to be used:** Water spray.
- Recommendations/other information :**

6. ACCIDENTAL RELEASE MEASURES

Clean with absorbent cloth. Any residue can be cleaned with a cloth dampened with White spirit. Wear suitable protective gloves when using solvents and ensure good ventilation. Contain spillage with sand or earth and sweep up. Extinguish any naked flames in the vicinity. Dispose of in accordance with local regulations.

7. HANDLING AND STORAGE

- Handling:** Ensure good standards of hygiene. When using, DO NOT eat, drink or smoke. Wash hands after use.
- Storage:** Reseal bottle when not in use. Store at normal room temperature, away from children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Wear overalls / smock.
Ensure good cross ventilation.
DO NOT eat, drink or smoke whilst using.
Wash hands before eating, drinking or smoking.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance :	Pale brown gel.
Odour :	White Spirit.
pH of aqueous extract:	Not Applicable.
Melting point:	Not Applicable.
Flash point:	50°C (Closed cup)
Flammability :	Flammable.
Explosive properties :	Not Applicable.
Specific gravity:	0.90
Solubility water:	Insoluble.
Organic solvents:	Soluble in white spirit and turpentine.

10. STABILITY AND REACTIVITY

Conditions to avoid:	Heat and sources of ignition.
Materials to avoid:	Strong oxidising agents.
Hazardous decomposition products :	None known.

11. TOXICOLOGICAL INFORMATION

There are no data on the preparation itself.

Threshold limit:	For white spirit : recommended 100 ppm. If excessive exposure to white spirit, the following medical effects may result:
Ingestion:	Minimal toxicity. Small amounts of white spirit aspirated into the respiratory System during ingestion may cause bronchopneumonia or pulmonary oedema.
Skin:	Repeated exposure may cause skin dryness or cracking.
Eyes:	Some discomfort may occur, but does not result in damage to the eye tissue.
Respiratory:	See ingestion above.

12. ECOLOGICAL INFORMATION

There is no data on the preparation itself. Insoluble in water. Toxic to aquatic organisms. may cause long-term adverse effects in the aquatic environment. Avoid contamination of water courses and soil.

13. DISPOSAL CONSIDERATIONS

Do not allow into drains or water courses. Dispose of in accordance with local regulations (notifiable in accordance with Control of Pollution (special waste) regulations – 1980 S.1 1709 in UK).

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	Item	Transport document	Not applicable- Always packed In limited quantities.	Label Flammable
IMDG :	Class 3	UN Nr 1263	Proper shipping name	Paint Related Material	Label Flammable Material
ICAO/IATA:	Class	UN Nr 1263	Proper shipping name	Paint Related Material	Label Flammable Material
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 :	Flammable.	
Warning symbols:	St Andrews cross and dead tree/ dead fish	
Contains:	Ethyl Methyl Ketoxime and White Spirit	
R phrases :	R 10 R 40 R 43 R 66 R51/ 53	Flammable Limited evidence of a carcinogenic effect May cause sensitisation by skin contact Repeated exposure may cause skin dryness or cracking. Toxic to aquatic organisms. may cause long-term adverse effect in the aquatic environment.
S phrases:	S2 S13 S26 S46	Keep out of reach of children Keep away from food, drink and animal feedstuffs. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If swallowed, seek medical advice immediately and show this container or label.

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.
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