

SAFETY DATA SHEET
hydroflow

1. IDENTIFICATION OF PRODUCT AND COMPANY

Product identifier

Product name hydroflow

Details of the supplier of the safety data sheet

Supplier Eli-Chem Resins UK Ltd
212 Dunsfold Park
Stovolds Hill
Cranleigh
GU6 8GA
Tel: +44 (0)1483 266636 (09:00 - 17:00 MON-THUR / 09:00 - 16:00 FRI)
sales@elichem.co.uk

Emergency telephone number

+44 (0) 1483 266636 Office hours only

2. HAZARD IDENTIFICATION

On available data hydroflow has no hazard classification according to 88/379/EEC
The surfactants and to a lesser extent the free monomer present in the polymer dispersions may cause dermatitis through repeated contact in sensitive individuals. Eye contact may cause irritation.

3. COMPOSITION

Water based dispersion of a copolymer of styrene and acrylic acid ester.

4. FIRST AID MEASURES

SKIN CONTACT Wash with water before the dispersion dries.
Remove contaminated clothing.

EYE CONTACT Wash with water for several minutes.
Seek medical advice if irritation continues.

INGESTION Give plenty of water and obtain medical advice.

5. FIRE FIGHTING MEASURES

Aqueous dispersions will not burn. Dried films are combustible. Water, foam, carbon dioxide or dry powder extinguishers are all suitable.

6. ACCIDENTAL RELEASE MEASURES

Spillage should not be washed into any drain unless it leads to suitable effluent treatment process. Residues and spillage should be soaked up with an inert absorbent (e.g. sand) for disposal.

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7. HANDLING AND STORAGE

7.1 Handling

hydroflow should be handled in accordance with good industrial safety and hygiene practices. Small levels of volatile organic compounds may accumulate in the headspace of containers, which should be opened in ventilated surroundings.

7.2 Storage

Sealed containers should be stored between 5°C and 25°C Bulk tanks should be externally vented.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Exposure controls

Local exhaust ventilation may be required in circumstances where the product is being sprayed, heated or dried.

8.2 Personal protection

| | |
|-------------|--|
| Respiratory | -Mask when spraying |
| Hand | -Gloves, if risk of skin contact. |
| Eye | -Goggles, if risk of splashing. |
| Skin | -Standard industrial overalls if splashing |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-------------------|----------------------------|
| Appearance: | -Milky white liquid |
| Odour: | -Slight ammonia and ester |
| pH: | -7.0 to 8.0 (ISO 1148) |
| Boiling Point: | -Approx. 100 °C (as water) |
| Vapour pressure: | -As water. |
| Water solubility: | -Fully miscible. |
| Relative Density: | -1.02 at 20 °C (ISO 8962) |

10. STABILITY AND REACTIVITY

hydroflow is stable under normal conditions of use.

11. TOXICOLOGICAL INFORMATION

Long term experience of handling this class of product under industrial conditions indicates the absence of any chronic or acute effects.

12. ECOLOGICAL INFORMATION

hydroflow is totally miscible with water and will be progressively diluted if admitted to waterways. the base polymer is only slowly biodegraded (removal >80% by method OECD 302B). In low concentrations (<500mg/litre), the product exhibits low toxicity to fish (OECD 203). Low concentrations of hydroflow are unlikely to reduce sludge activity in sewage treatment. The polymer will be largely absorbed on the sludge and is consequently removed from the water.

13. DISPOSAL INFORMATION.

hydroflow is not classified as hazardous waste. The polymer can be coagulated and separated from aqueous phase for landfill or incineration. The residual liquid should not be discharged to sewage treatment without prior consent. Details for clarifying water containing emulsion can be provided on request. Existing EEC, National and Local Regulations must always be complied with.

14. TRANSPORT INFORMATION

hydroflow is not classified as hazardous for transportation.

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15. REGULATORY INFORMATION

EEC Hazard Classification: -None.

The product contains only substances that are on the European Inventory of Existing Chemical Substances, (EINECS)

16. OTHER INFORMATION

The information contained in this Safety Data Sheet is based on the present state of our knowledge.

This data is intended to enable safety assessments to be made and should not be construed as guaranteeing specific properties. Users are recommended to consult technical information sheets for specific applications.

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