

MATERIAL SAFETY DATA SHEET

Reviewed on:

1-8-2007

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING**Article number:** ICF**Product name:** InnOCF**Use/description of product:** Coolant system oil contamination flush**Supplier:** Innosystems NI Ltd**Emergency phone:** +44 (0) 28 30 830 006**2. COMPOSITION / INFORMATION ON INGREDIENTS**

Ingredient	CAS no	EINECS no	% by Wt	Hazard symbol	R-phrase
Alkylaryl sulphonate salt			1 - 5	Xn, Xi	22, 38, 41
Alkylolamide			1 - 5	Xi	38, 41
Diethanolamine	111-42-2	203-868-0	< 1	Xn, Xi	22, 48/22, 38, 41
Fatty alcohol ethoxylate			1 - 5	Xn, Xi	22, 41
Orange Terpenes	68917-57-7		5 - 10	Xn, Xi	65, 38, 10, 43
Sodium Hydroxide	1310-73-2	215-185-5	< 1	C	35

3. HAZARDS IDENTIFICATION**Main Hazard:** Irritating to eyes. May cause sensitisation by skin contact.**4. FIRST AID MEASURES - SYMPTOMS****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. There may be vomiting.**Inhalation:** There may be vomiting.**4. FIRST AID MEASURES - ACTION****Skin contact:** Remove all contaminated clothes and rinse skin thoroughly with water. Get medical attention if irritation persists after washing.**Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.**Ingestion:** Do not induce vomiting. If conscious, give half a litre of water to drink immediately. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. General first aid, rest, warmth and fresh air. Get medical attention if discomfort continues.**5. FIRE-FIGHTING MEASURES****Extinguishing media:** Carbon dioxide.**Protection of fire-fighters:** Wear protective clothing to prevent contact with skin and eyes.**Exceptional hazards:** In case of fire, toxic gases may be formed. Carbon monoxide, Carbon dioxide.**6. ACCIDENTAL RELEASE MEASURES****Personal precautions:** Refer to section 8 of SDS for personal protection details.**Environmental precautions:** Contain the spillage using bunding. Do not discharge into drains, water courses or onto the ground.**Clean-up procedures:** Absorb in vermiculite or dry sand, dispose in licensed special waste.

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7. HANDLING AND STORAGE

Handling requirements: Do not handle in a confined space. Avoid spilling, skin and eye contact.

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Level of exposer: DIETHANOLAMINE OES 13 mg/m³
SODIUM HYDROXIDE OES 2 mg/m³

Conditions during operating: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

Eye protection: Safety goggles.

Skin protection: Protective clothing with elasticated cuffs and closed neck.



9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Yellow

Odour: Characteristic fruity

Solubility in water: Soluble

Relative density: 0.985

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

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11. TOXICOLOGICAL INFORMATION

Inhalation: Avoid inhalation of vapours. May cause irritation of the respiratory system.

Ingestion: May irritate and cause stomach pain, vomiting and diarrhoea. If vomiting occurs, keep head low so that stomach contents do not get into the lungs.

Skin contact: Prolonged contact may cause dryness of the skin. May cause sensitisation by skin contact. May cause allergic contact eczema.

Eye contact: Irritating to eyes.

12. ECOLOGICAL INFORMATION

Other adverse effects: The product components are not classified as environmentally hazardous.

13. DISPOSAL CONSIDERATIONS

14. TRANSPORT INFORMATION

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15. REGULATORY INFORMATION

Hazard symbols



Irritant

Risk phrases

R43 - May cause sensitization by skin contact

R36 - Irritating to the eyes

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. ADDITIONAL INFORMATION

Risk phrases used in S2

R22 - Harmful if swallowed

R35 - Causes severe burns

R38 - Irritating to the skin

R41 - Risk of serious damage to eyes

R43 - May cause sensitization by skin contact

R65 - Harmful May cause lung damage if swallowed

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.