

19

HEALTH AND SAFETY DATA SHEET

EUROCHEM (NORTHERN) LTD

White Rose Business Park
Larsen Road
Goole
East Yorkshire
DN14 6XF
Tel: 01405 720023
Fax: 01405 767000

Date of Issue: 30th June 2001

Emergency Tel No: 01405 720023

SCREENWASH DE-ICER

1. IDENTIFICATION OF THE SUBSTANCE

Product Label Name: Screenwash De-icer

2. COMPOSITION/INFORMATION ON INGREDIENTS

Product	CAS Number	Class	Contents	Risk Phrases
IMS 99	64-17-5	F	>5% to <25%	F
Methanol	67-56-1	F, T	>0.1% to <3%	F - R11
Surfactants			< 3%	

3. HAZARDS IDENTIFICATION

Flammable.

4. FIRST AID MEASURES

First Aid – Inhalation: Move to fresh air and rest. Oxygen or artificial respiration if there is difficulty in breathing. Seek medical advice.

Skin: Remove contaminated clothing. Wash immediately with copious amounts of water.

Eye: Rinse thoroughly with plenty of water. Eyelids should be held away from the eyeball to ensure thorough rinsing. Seek medical advice if irritation develops.

Ingestion: Rinse mouth, give water to drink. Transport to hospital (send copy of Safety Data Sheet with patient).

5. FIRE FIGHTING MEASURES

Extinguishing Media:	(Sprayed) water, foam, dry chemical powder, carbon dioxide.
Special Exposure Hazards:	Reacts strongly with halogenated hydrocarbons. Vapours may form explosive mixtures with air.
Protective Equipment:	Wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	For personal protection see Section 8.
Environmental Precautions:	Do not empty into drains.
Methods for Cleaning Up:	Keep away from sources of ignition – No Smoking. Collect as much as possible in a clean container for (preferable) reuse or disposal. Dispose of any hazardous waste in accordance with Waste Disposal and water Authority Regulations. Flush remainder with water.

7. HANDLING AND STORAGE

Handling:	The usual precautions for handling chemicals should be observed.
Fire and Explosion Prevention:	Keep away from sources of ignition – No Smoking.
Storage Requirements:	Store at a cool and well ventilated place. Keep away from sources of ignition – No Smoking. Keep away from oxidants.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protection:	
Hand:	Protective gloves.
Eye:	Safety goggles.
Skin and Body:	Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid
Colour:	Blue
Odour:	Alcohol like
Flammability:	flammable
Solubility in Water:	Miscible

10. STABILITY/REACTIVITY

Conditions to Avoid:	Avoid exposure to hot elements, naked flames or other sources of ignition.
Materials to Avoid:	Incompatible with oxidising agents, concentrated nitric acid, sulphuric acid.
Hazardous Decomposition Products:	None unusual. Burning will produce smoke, carbon monoxide and/or carbon dioxide.

11. TOXICOLOGICAL INFORMATION

(IMS 99)

Acute Toxicity Data LD50 Oral (rats) = 6.2 – 17.8 g/kg

Fatal dose in man 300-400 ml.

Chronic intoxication may produce damage to the optic nerve in addition to degenerative changes in liver, kidneys, brain, gastrointestinal tract and heart muscle.

12. ECOLOGICAL INFORMATION

There is no specific data on IMS.

Ethanol is readily biodegradable after 15 days in non-acclimated fresh water, 75% occurs after 20 days in salt water.

Partitioning: log P octanol/water=0.3

13. DISPOSAL CONSIDERATIONS**Disposal Dangers:**

Care should be taken to prevent accidental mixing with acids or strong oxidising agents, in drains, is avoided.

Disposal Methods:

Arrange for removal of containers by a licensed contractor in accordance with waste disposal regulations.

14. TRANSPORT INFORMATION**Land Transport (ADR/RID)**

ADR Class:	3
Hazard Identification No:	33
UN No:	1993
Packing Group	II

15. REGULATORY INFORMATION

Labelling According to

EC Directives:

See Section 2

Symbol(s):

Flammable (F)

Risk Phrase(s):

R11 – Highly flammable

Safety Phrase(s):

S1/2: Keep locked up and out of reach of children.

S7: Keep container tightly closed.

S16: Keep away from sources of ignition – No Smoking.

S36/37: Wear suitable protective clothing and gloves.

S45: In case of accident or if you feel unwell, seek medical advice immediately. (Show label where possible).

16. OTHER INFORMATION

Disclaimer: This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.
