

SAFETY DATA SHEET

UNIVERSAL RAIL DE-ICER

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME UNIVERSAL RAIL DE-ICER
PRODUCT NO. BR9763
SUPPLIER ARROW CHEMICALS LTD.
RAWDON ROAD,
MOIRA, SWADLINCOTE,
DERBYSHIRE. DE12 6DA
01283 221044
01283 550621

2 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
PROPYLENE GLYCOL	200-337-5	57-55-6	60-100%	-
M060 UREA		57-13-6	10-30%	-

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

INHALATION

Unlikely route of exposure as the product does not contain volatile substances.

INGESTION

Get medical attention. DO NOT INDUCE VOMITING! Rinse mouth thoroughly.

SKIN CONTACT

Remove affected person from source of contamination. Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention promptly if symptoms occur after washing.

EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

This product is not flammable.

UNUSUAL FIRE & EXPLOSION HAZARDS

No unusual fire or explosion hazards noted.

6 ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS

Large quantities should not be discharged into the drain but removed with absorbing material. Flush contaminated area with plenty of water.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid contact with eyes.

STORAGE PRECAUTIONS

Store in closed original container at temperatures between 0°C and 30°C.

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8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT



HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves.

EYE PROTECTION

Wear approved chemical safety goggles where eye exposure is reasonably probable.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Orange		
ODOUR	No characteristic odour.		
SOLUBILITY	Completely soluble in water Soluble in Alcohol Glycerine.		
RELATIVE DENSITY	1.07	pH-VALUE, DILUTED SOLUTION	7.1
SOLUBILITY VALUE (g/100g H ₂ O@20°C)	100.00		

10 STABILITY AND REACTIVITY

STABILITY

No particular stability concerns.

HAZARDOUS DECOMPOSITION PRODUCTS

Toxic gases/vapours/fumes of: Ammonia or amines. Carbon monoxide (CO). Carbonyl compounds. Oxides of: Nitrogen. Carbon dioxide (CO₂).

11 TOXICOLOGICAL INFORMATION

MEDICAL SYMPTOMS

EYES AND MUCOUS MEMBRANES. Irritation of eyes and mucous membranes. SKIN. Skin irritation. DIGESTIVE SYSTEM. Gastrointestinal symptoms, including upset stomach.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Not regarded as dangerous for the environment.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

GENERAL

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

No transport warning sign required.

15 REGULATORY INFORMATION

RISK PHRASES

NC Not classified.

SAFETY PHRASES

S25 Avoid contact with eyes.

UNIVERSAL RAIL DE-ICER

DETERGENT LABELLING

Contains BENZOTRIAZOL

UK REGULATORY REFERENCES

The Carriage of Dangerous Goods by Road and Rail Regulations. C.H.I.P. The Chemicals (Hazard Information and Packaging for Supply) Regulations

16 OTHER INFORMATION

GENERAL INFORMATION

Only trained personnel should use this material.

REVISION DATE 20/12/05

RISK PHRASES IN FULL

NC Not classified.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.