

SAFETY DATA SHEET

SAFEWASH CONCENTRATE BULK

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME SAFEWASH CONCENTRATE BULK
 PRODUCT NO. ESWC05/200L
 SUPPLIER ELECTROLUBE. A division of HK
 WENTWORTH LTD
 KINGSBURY PARK, MIDLAND ROAD
 SWADLINCOTE
 DERBYSHIRE, DE11 0AN
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2 COMPOSITION/INFORMATION ON INGREDIENTS

| Name | EC No. | CAS-No. | Content | Classification |
|-----------------------------|-----------|------------|---------|---------------------|
| 2-AMINOETHANOL | 205-483-3 | 141-43-5 | 10-30% | C;R34 Xn;R20/21/22 |
| Alcohol Ethoxylate | | 68439-46-3 | 10-30% | Xn;R22. Xi;R41. |
| Alkylbenzene sulphonic acid | 268-356-1 | 68081-81-2 | 5-10% | Xn;R22. Xi;R38,R41. |

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

COMPOSITION COMMENTS

Ingredients not listed are classified as non-hazardous or at a concentration below reportable levels

3 HAZARDS IDENTIFICATION

Harmful if swallowed. Causes burns. Irritating to respiratory system.

CLASSIFICATION Xn;R22. C;R34. Xi;R37.

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Get medical attention. Provide rest, warmth and fresh air.

INGESTION

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Drink plenty of water. Get medical attention immediately! Provide rest, warmth and fresh air.

SKIN CONTACT

Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

6 ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS

Absorb in vermiculite, dry sand or earth and place into containers. Wear necessary protective equipment.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Do not handle broken packages without protective equipment. Provide good ventilation.

STORAGE PRECAUTIONS

Store in tightly closed original container in a cool, dry well-ventilated place. Keep in original container.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

SAFESHASH CONCENTRATE BULK

| Name | Std | LT - ppm | LT - mg/m3 | ST - ppm | ST - mg/m3 |
|----------------|-----|----------|------------|----------|------------|
| 2-AMINOETHANOL | WEL | 3 ppm | 7.6 mg/m3 | 6 ppm | 15 mg/m3 |

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

HAND PROTECTION

Use protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

EYE PROTECTION

Wear approved, tight fitting safety glasses where splashing is probable.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------|----------------------|--------------------------|-------|
| APPEARANCE | Liquid | | |
| COLOUR | Light (or pale) Blue | | |
| BOILING POINT (°C) | 100 | pH-VALUE, CONC. SOLUTION | 11-13 |
| VISCOSITY | @ °c | | |

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid contact with acids and oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO2).

11 TOXICOLOGICAL INFORMATION

INHALATION

Harmful: danger of serious damage to health by prolonged exposure through inhalation.

INGESTION

Harmful if swallowed.

SKIN CONTACT

Irritating to skin.

EYE CONTACT

Irritating to eyes.

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.

SAFEWASH CONCENTRATE BULK

14 TRANSPORT INFORMATION



| | | | |
|----------------------|---------------------------------------|------------------|--------------|
| UK ROAD CLASS | 8 | | |
| PROPER SHIPPING NAME | ETHANOLAMINE or ETHANOLAMINE SOLUTION | | |
| ROAD TRANSPORT NOTES | Not Classified | | |
| RAIL TRANSPORT NOTES | Not Classified. | | |
| SEA TRANSPORT NOTES | Not Classified. | | |
| AIR TRANSPORT NOTES | Not Classified. | | |
| UK ROAD PACK GR. | III | ADR CLASS NO. | 8 |
| ADR CLASS | Class 8: Corrosive substances. | ADR PACK GROUP | III |
| HAZARD No. (ADR) | 80 | ADR LABEL NO. | 8 |
| HAZCHEM CODE | 2X | CEFIC TEC(R) NO. | 80GC7-II+III |
| RID CLASS NO. | 8 | RID PACK GROUP | III |
| UN NO. SEA | 2491 | IMDG CLASS | 8 |
| IMDG PACK GR. | III | EMS | F-A; S-B |
| MFAG | See Guide | MARINE POLLUTANT | No. |
| UN NO. AIR | 2491 | ICAO CLASS | 8 |
| AIR PACK GR. | III | | |

15 REGULATORY INFORMATION

LABELLING



Corrosive



Harmful

CONTAINS

2-AMINOETHANOL
Alcohol Ethoxylate

RISK PHRASES

R22 Harmful if swallowed.
R34 Causes burns.
R37 Irritating to respiratory system.

SAFETY PHRASES

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
S51 Use only in well-ventilated areas.
S24/25 Avoid contact with skin and eyes.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S60 This material and its container must be disposed of as hazardous waste.

UK REGULATORY REFERENCES

Chemicals (Hazard Information & Packaging) Regulations.

ENVIRONMENTAL LISTING

Control of Pollution Act 1974.

EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EEC. System of specific information relating to Dangerous Preparations. 2001/58/EEC.

GUIDANCE NOTES

Workplace Exposure Limits EH40.

16 OTHER INFORMATION

REVISION DATE: SEPTEMBER 2005

SAFEWASH CONCENTRATE BULK

GENERAL INFORMATION

CN No 38140090

REVISION COMMENTS

Revised in accordance with CHIP3 and EU Directives 1999/45/EC and 2001/58/EC

ISSUED BY

Helen O'Reilly

REVISION DATE

SEPTEMBER 2005

REV. NO./REPL. SDS GENERATED 2

RISK PHRASES IN FULL

| | |
|-----------|---|
| R20/21/22 | Harmful by inhalation, in contact with skin and if swallowed. |
| R22 | Harmful if swallowed. |
| R34 | Causes burns. |
| R37 | Irritating to respiratory system. |
| R38 | Irritating to skin. |
| R41 | Risk of serious damage to eyes. |

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.