



## SAFETY DATA SHEET SAFEWASH TOTAL-CONCENTRATE

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

**PRODUCT NAME** SAFEWASH TOTAL-CONCENTRATE  
**PRODUCT NO.** SWAT  
ESWAT05L  
ZE  
**APPLICATION** Cleaning Product  
**SUPPLIER** ELECTROLUBE. A division of  
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### 2 HAZARDS IDENTIFICATION

Irritating to eyes and skin.

**CLASSIFICATION (1999/45)** Xi;R36/38.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content %	Classification (67/548/EEC)
2-AMINO-2-METHYLPROPANOL	204-709-8	124-68-5	10-30%	Xi;R36/38 R52/53
3-BUTOXYPROPAN-2-OL	225-878-4	5131-66-8	5-10%	Xi;R36/38
DIPROPYLENE GLYCOL MONOMETHYL ETHER		34590-94-8	1-5%	-

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

### COMPOSITION COMMENTS

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

### 4 FIRST-AID MEASURES

#### INHALATION

Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

#### INGESTION

Rinse mouth thoroughly. Drink plenty of water. Get medical attention.

#### SKIN CONTACT

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 if any discomfort continues.

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

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

## SAFEWASH TOTAL-CONCENTRATE

### 6 ACCIDENTAL RELEASE MEASURES

#### SPILL CLEAN UP METHODS

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

### 7 HANDLING AND STORAGE

#### USAGE PRECAUTIONS

Avoid spilling, skin and eye contact.

#### STORAGE PRECAUTIONS

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

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
3-BUTOXYPROPAN-2-OL	SUP	50 ppm				
DIPROPYLENE GLYCOL MONOMETHYL ETHER	WEL	50 ppm	308 mg/m3			Sk

WEL = Workplace Exposure Limit.  
Sk = Can be absorbed through skin.

#### PROTECTIVE EQUIPMENT



#### ENGINEERING MEASURES

No particular ventilation requirements. Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours.

#### RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

#### HAND PROTECTION

Protective gloves must be used if there is a risk of direct contact or splash. 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

Use approved safety goggles or face shield.

#### OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin 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. Wash promptly if skin becomes wet or contaminated. When using do not eat, drink or smoke.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid
COLOUR	Colourless
ODOUR	Amine.
SOLUBILITY	Soluble in water.
BULK DENSITY	0.93 @ 20°C (68 F)
pH-VALUE, CONC. SOLUTION	11-12

### 10 STABILITY AND REACTIVITY

#### STABILITY

Stable under normal temperature conditions.

#### CONDITIONS TO AVOID

Avoid contact with acids.

## SAFEWASH TOTAL-CONCENTRATE

### 11 TOXICOLOGICAL INFORMATION

#### INHALATION

May cause irritation to the respiratory system.

#### INGESTION

May cause burns in mucous membranes, throat, oesophagus and stomach. May cause stomach pain or vomiting.

#### SKIN CONTACT

Irritating to skin. May cause sensitisation by skin contact. Prolonged or repeated exposure may cause severe irritation.

#### EYE CONTACT

May cause severe irritation to eyes.

<b>Name</b>	3-BUTOXYPROPAN-2-OL
<b>Toxic Dose 1 - LD 50</b>	2612-5500 mg/kg (oral rat)
<b>Name</b>	2-AMINO-2-METHYLPROPANOL
<b>Toxic Dose 1 - LD 50</b>	>2900 mg/kg (oral rat)
<b>Name</b>	DIPROPYLENE GLYCOL MONOMETHYL ETHER
<b>Toxic Dose 1 - LD 50</b>	>5000 mg/kg (oral rat)
<b>Toxic Conc. - LC 50</b>	55 mg/l/4h (inh-rat)

### 12 ECOLOGICAL INFORMATION

#### ECOTOXICITY

Not regarded as dangerous for the environment.

<b>Name</b>	3-BUTOXYPROPAN-2-OL
<b>LC 50, 96 Hrs, Fish mg/l</b>	560-1000
<b>EC 50, 48 Hrs, Daphnia, mg/l</b>	>1000
<b>Name</b>	2-AMINO-2-METHYLPROPANOL
<b>LC 50, 96 Hrs, Fish mg/l</b>	190
<b>EC 50, 48 Hrs, Daphnia, mg/l</b>	193
<b>IC 50, 72 Hrs, Algae, mg/l</b>	520
<b>Degradability</b>	The product is not readily biodegradable.
<b>Name</b>	DIPROPYLENE GLYCOL MONOMETHYL ETHER
<b>LC 50, 96 Hrs, Fish mg/l</b>	>1000
<b>EC 50, 48 Hrs, Daphnia, mg/l</b>	1919

### 13 DISPOSAL CONSIDERATIONS

#### DISPOSAL METHODS

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

### 14 TRANSPORT INFORMATION

<b>GENERAL</b>	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).
	No transport warning sign required.
<b>ROAD TRANSPORT NOTES</b>	Not Classified
<b>RAIL TRANSPORT NOTES</b>	Not classified.
<b>SEA TRANSPORT NOTES</b>	Not classified.
<b>AIR TRANSPORT NOTES</b>	Not classified.
<b>ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT</b>	No.

### 15 REGULATORY INFORMATION

#### LABELLING

### SAFEWASH TOTAL-CONCENTRATE



Irritant

#### RISK PHRASES

R36/38 Irritating to eyes and skin.

#### SAFETY PHRASES

S24/25 Avoid contact with skin and eyes.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S37 Wear suitable gloves.

#### UK REGULATORY REFERENCES

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.  
Chemicals (Hazard Information & Packaging) Regulations.

#### ENVIRONMENTAL LISTING

Rivers (Prevention of Pollution) Act 1961. Control of Pollution (Special Waste Regulations) Act 1980. Control of Pollution Act 1974.

#### EU DIRECTIVES

System of specific information relating to Dangerous Preparations. 2001/58/EC.

Dangerous Preparations Directive 1999/45/EC.

Dangerous Substance Directive 67/548/EEC.

Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

#### APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

#### GUIDANCE NOTES

Workplace Exposure Limits EH40.

### 16 OTHER INFORMATION

#### REVISION COMMENTS

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

#### ISSUED BY

Helen O'Reilly

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GENERATED

SDS NO. 12798

#### RISK PHRASES IN FULL

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R36/38 Irritating to eyes and skin.

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.