

2006

PRODUCT SAFETY DATA SHEET

1) IDENTIFICATION

PRODUCT: METAPEX 38 LIQUID

COMPANY NAME: KEMTEX EDUCATIONAL SUPPLIES LTD
CBTC
EUXTON LANE
CHORLEY PR7 6TE TEL: 01257 230220

2) HAZARDS IDENTIFICATION

Hazard Designation:	Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment
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3) COMPOSITION

Chemical Characterisation: An aqueous sodium salt solution of dodecylbenzene sulphononic acid, dispersants and fluidisers

Information on ingredients	Conc %	CAS No	Symbol	Classification
An aqueous sodium salt solution of DDBSA	15-30	N/A	Xn	R22/R36/38

4) EMERGENCY AND FIRST AID PROCEDURES

General Information:

After Inhalation: N/A

After contact with skin:

Remove all contaminated clothing. Wash with plenty of soap and water, rinse well if irritation persists seek medical help.

After contact with eyes:

Irrigate with plenty of water for at least 15 minutes. If irritation persists seek medical help.

After ingestion:

Small amounts ingested, wash mouth out well and drink copious amounts of water, seek medical help if irritation persist in the mouth, throat and stomach. If large amounts are ingested wash mouth out well. Seek medical help.

5) FIRE FIGHTING MEASURES

Suitable extinguishing media:
Extinguishing media which must not be used for safety reasons:

Water, Dry Powder, Foam or CO₂

Special protective equipment for firefighting:

Further information:

6) ACCIDENTAL RELEASE MEASURES

Personal precautions:

Use local exhaust ventilation.

Environmental precautions:

Version 1

Revised on 29th April 2009

Methods for cleaning up/taking up:
Additional Information:

Absorb on to inert material. Deposit in closed container.

7) HANDLING AND STORAGE

Advice for safe handling:
Advice on protection against fire and explosion:
Requirements for storage room and vessels:
Storage stability:
Storage period:

Keep container closed when not in use.

8) EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ingredients with occupational exposure limits to be monitored:

Exposure Limits:

Respiratory measures:

Type approved RPE for mist if required

Hygiene measures:

Always wash thoroughly after handling chemicals

Hand protection:

Impervious gloves

Eye protection:

Goggles

Body protection:

Overalls and boots

9) PHYSICAL AND CHEMICAL PROPERTIES

Form: liquid
Colour: Clear pale yellow
Smell: Bland
Melting point/melting range: Apppx -5°C
Boiling point/boiling range: approx 100°C
Solidification point: 1.0g/cm³ @ 20°C
Decomposition Temperature: >100°C
Danger of explosion:
Density at 20°C
Solubility in/miscibility with water: Soluble
pH value (100g/l) 6-8
Viscosity:

10) STABILITY AND REACTIVITY

Incompatible Substances:

None Known

Hazardous Decomposition Products:

Oxides of carbon, hydrogen and sulphur

11) TOXICOLOGICAL INFORMATION

Acute oral toxicity:

LD50 >3000mg/kg

Irritant effect on skin:

Irritant(rabbit) Method: test results of a related prep.

Irritant effect on eyes:

May cause irreversible eye damage(rabbit) Method: test result of related prep.

Sensitization:

12) ECOLOGICAL CONSIDERATIONS

Biodegradability:

app 55%(14d TOC)

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Fish toxicity:

Method : test result of related prep.

LC0 app.

40mg/l(48hr, rainbow trout(salmo gairdner oncorhynchus mykiss

LC50 app.60mg/l(48h, rainbow trout(salmo gairdner oncorhynchus mykiss

EC50 > 100mg/l(Activated sludge)

Bacteria toxicity:

Remarks:

13) DISPOSAL CONSIDERATIONS

Product:

Dispose of in accordance with Local Authority Regulations.

European Waste Catalogue (EWC)

code:

Uncleaned packaging:

14) TRANSPORT INFORMATION

UN Number:

Not regulated

Road/Rail:

Sea:

Air:

Other Information:

15) REGULATORY INFORMATION

Labelling in accordance with the EEC directives:

EEC Classification:

The product is classified in accordance with EC directive

Hazard symbols:

Risk Phrases:

Safety Phrases:

R22,R36/38 Harmful if swallowed,Irritating to the eyes & skin

S26 In case of contact with eyes,rinse immediately with plenty of water and seek medical advice

S27 Take off immediately all contaminated clothing

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection

S45 In case of accident or if you feel unwell,seek medical advice immediately

Other Regulations:

16) OTHER INFORMATION

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal requirements. The information contained herein is accurate to the best of our knowledge and belief and is intended to describe our products from a point of view of health and safety requirements. It should not, therefore, be construed as guaranteeing specific properties