



Material Safety Data Sheet

Accepta 8001

Date issued: 01-06-2004

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

| | |
|-----------------------------|--|
| Product Name: | ACCEPTA 8001 |
| Application: | Surfactant for hypochlorite: Improves biofilm cleaning |
| Company Identification: | Accepta Ltd. Statham House Old Trafford Manchester M32 0FP United Kingdom |
| Office telephone number: | +44 (0) 161 877 2334 |
| Office fax number: | +44 (0) 870 135 6389 |
| Emergency Telephone Number: | +44 (0) 161 877 2334 |

2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL DESCRIPTION:
Aqueous dilution of Lauryl dimethylamine oxide

HAZARDOUS INGREDIENTS:

| CAS NO. | EINECS NO. | CHEMICAL NAME | WT % | SYMBOL | R-PHRASES |
|------------|------------|---------------------------|------|--------|-----------|
| 68955-55-5 | | Alkyl dimethylamine oxide | 30 | Xi | 38, 41 |

3. HAZARD IDENTIFICATION

HUMAN HEALTH HAZARDS:

INHALATION:

SKIN CONTACT: Irritating to skin

EYE CONTACT: Risk of serious damage to eyes

INGESTION:

ENVIRONMENTAL HAZARDS:

PHYSICAL AND CHEMICAL HAZARDS:



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4. FIRST AID MEASURES

INHALATION: Remove to fresh air, rest, treat symptomatically. Obtain medical attention.

SKIN CONTACT: Remove contaminated clothing. Wash off affected area immediately with plenty of water. If skin irritation persists, obtain medical attention.

EYE CONTACT: Immediately gently irrigate with clean water for at least 15 minutes. Move eyeball and keep eyelids wide open and apart whilst irrigating. Obtain medical attention.

INGESTION: Do not induce vomiting without medical advice. If conscious wash out mouth and give 500ml of water to drink. Do not give anything by mouth to an unconscious person. Obtain medical attention.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Powder, foam, carbon dioxide or water spray.

HARZARDOUS COMBUSTION PRODUCTS : Oxides of carbon and nitrogen

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTING: In case of fire, wear a full face positive-pressure self contained breathing apparatus and protective suit

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of water. Use personal protective equipment recommended in Section 8

ENVIRONMENTAL PRECAUTIONS: Do not allow to enter sewers or water courses. If spillage does enter sewers or water courses, immediately inform the appropriate water authorities.

METHODS FOR CLEANING UP: Absorb spillages onto sand, earth or any suitable absorbent material. Transfer to a container for disposal.



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7. HANDLING AND STORAGE

HANDLING:

Ventilation: good general ventilation

Recommended procedures & equipment: Avoid contact with skin & eyes.

STORAGE CONDITIONS:

Temperature: Ambient

Keep away from: strong oxidising agents and reducing agents

Suitable storage media: suitably lined mild steel or suitable plastics

Precautions against static discharge: this product does not itself present a fire hazard.

CONSTRUCTION MATERIAL COMPATIBILITY.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS

ENGINEERING MEASURES

RESPIRATORY PROTECTION: self contained breathing apparatus in areas of poor ventilation

HAND PROTECTION:

SKIN PROTECTION: Standard protective clothing.

EYE PROTECTION: Chemical splash goggles or face shield.:

HYGIENE RECOMMENDATIONS: Keep an eye wash fountain available. Keep a safety shower available. Wash hands at breaks and at the end of the shift. If clothing is contaminated, remove clothing and thoroughly wash the affected area. Launder contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: clear colourless to pale yellow liquid

Odour: very weak, characteristic

pH : 7.0-8.0 (1% w/w aq soln)

Boiling point: >100C

Melting /Pour point: 1C

Relative density: 0.97 @ 20C

Solubility: soluble in water



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10. STABILITY AND REACTIVITY

STABILITY: stable under recommended conditions

CONDITIONS TO AVOID: extremes of temperature

MATERIALS TO AVOID: oxidising agents and reducing agents

HAZARDOUS DECOMPOSITION PRODUCTS: oxides of carbon and nitrogen

11. TOXICOLOGICAL INFORMATION

Please refer to section 3 for hazards identification.

Harmful if swallowed

LD50 Oral (Rat): >2g/kg OECD401

Dermal Compatibility: Irritant (rabbit) OECD404

12. ECOLOGICAL INFORMATION

Aquatic Toxicity:

LC50 Zebrafish 10-100mg/l (96hrs)

Fish toxicity bacteria ps putida 190mg/l

Degradability:

Biological degradability >80% (OECD test G.302B)

Degradability German detergents law >80%

Bioaccumulation potential:

Marine pollutant? Hazardous for the aquatic environment



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13. DISPOSAL CONSIDERATIONS

Via authorized contractor. If this product becomes a waste, the final user must define and assign the appropriate European Waste Catalogue code.

Controlled incineration or landfill may be appropriate.

14. TRANSPORT INFORMATION

Not classified as hazardous for transport

15. REGULATORY INFORMATION

CLASSIFICATION:
HAZARD SYMBOL: Xi, Irritant



Contains: aqueous dilution of alkyl dimethylamine oxide

RISK PHRASES:

R38 Irritating to skin, R41 Risk of serious damage to eyes.

SAFETY PHRASES:

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

S28 After contact with skin wash immediately with plenty of soap and water

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



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16. OTHER INFORMATION

Emergency Telephone Number +44 (0) 161 877 2334