



Material Safety Data Sheet

Accepta 2085

Date issued: 01-06-2004

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Product Name:	ACCEPTA 2085
Application:	Biocide
Company Identification:	Accepta Ltd. Quay West Trafford Wharf Road Manchester M17 1HH United Kingdom
Office telephone number:	+44 (0) 161 240 2100
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Emergency Telephone Number:	+44 (0) 161 240 2100

2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL DESCRIPTION:
Water, Isopropanol, Quaternary Amine.

HAZARDOUS INGREDIENTS:					
CAS NO.	EINECS NO.	CHEMICAL NAME	WT %	SYMBOL	R-PHRASES
7173-51-5	2305252	Didecyldimethyl ammonium chloride	10-15	C	22, 34
67-63-0	2006617	Isopropanol	5-10	F, Xi	11,36,67

3. HAZARD IDENTIFICATION

HUMAN HEALTH HAZARDS - ACUTE:

INHALATION:
Repeated or prolonged exposure may irritate the respiratory tract.

SKIN CONTACT:
Causes burns. Can be absorbed through the skin.

EYE CONTACT:
Causes burns.

INGESTION:
Corrosive, causes burns to gastro-intestinal tract. Nausea, vomiting and stomach pain may occur. In severe cases blood may be vomited.

ENVIRONMENTAL HAZARDS
Very toxic to aquatic organisms.

PHYSICAL AND CHEMICAL HAZARDS:
Flammable.



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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. Obtain medical attention.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:

Foam, Water spray, Dry powder, Carbon dioxide.

UNSUITABLE EXTINGUISHING MEDIA:

Do not use water jets.

FIRE AND EXPLOSION HAZARD

Oxides of nitrogen, Oxides of carbon, Hydrogen chloride.

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:

Do not breathe vapour. 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 soap and water. Ensure adequate ventilation. 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:

Small spills: Soak up with inert absorbent material. Clean up promptly by scoop or vacuum. Reclaim into recovery or salvage drums.

Large spills: Dam up. Reclaim into recovery or salvage drums.

Please refer to Section 13 for disposal considerations.



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7. HANDLING AND STORAGE

HANDLING:

Do not breathe vapour. Avoid contact with skin and eyes. Use with adequate ventilation. Avoid generating aerosols and mists. Use personal protective equipment recommended in Section 8.

STORAGE CONDITIONS:

Keep container tightly closed in a cool, well-ventilated place. Store away from heat and sources of ignition.

CONSTRUCTION MATERIAL COMPATIBILITY. Compatible with: stainless steel 304/316, PVC, polyethylene, polypropylene, hypalon, teflon

8. EXPOSURE CONTROL/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS

NATIONAL REGULATIONS GERMANY

Isopropanol: MAK 980 mg/m³ (400 ppm)

NATIONAL REGULATIONS UK

Isopropanol: OES 400 ppm (TWA), OES 500 ppm (STEL)

NATIONAL REGULATIONS SWITZERLAND

Isopropanol: TWA 980 mg/m³ (400 ppm), STEL 1960 mg/m³ (800 ppm)

NATIONAL REGULATIONS FRANCE

Isopropanol: VLE 980 mg/m³ (400 ppm)

NATIONAL REGULATIONS HOLLAND

Isopropanol: MAC TGG 980 mg/m³ (400 ppm) (skin)

NATIONAL REGULATIONS SWEDEN

Isopropanol: NGV 350 mg/m³ (150 ppm), KTV 600 mg/m³ (250 ppm)

NATIONAL REGULATIONS FINLAND

Isopropanol: HTP 500 mg/m³ (8h), 620 mg/m³ (15min.)

NATIONAL REGULATIONS NORWAY

Isopropanol: TLV 245 mg/m³ (100 ppm)

NATIONAL REGULATIONS DENMARK

Isopropanol: 490 mg/m³ (200 ppm) (skin)

NATIONAL REGULATIONS AUSTRIA

Isopropanol: MAK 980 mg/m³ (400 ppm)

ENGINEERING MEASURES

Use general ventilation with local exhaust ventilation.

RESPIRATORY PROTECTION:

An approved respirator must be worn if the occupational exposure limit is likely to be exceeded. Wear a cartridge respirator, filter-type ABEK.

HAND PROTECTION:

PVC gloves, Nitrile gloves. Most glove materials are of low chemical resistance. Replace gloves regularly.

SKIN PROTECTION:

Apron and boots.

EYE PROTECTION:

Chemical splash goggles.

HYGIENE RECOMMENDATIONS:

Keep a safety shower available. Keep an eye wash fountain 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

NOTE: These physical properties are typical values for this product

FORM: Liquid

COLOUR: Colourless

ODOUR: Alcoholic

BOILING POINT: 83 °C ASTM D-86

FLASH POINT: 33 °C PMCC

RELATIVE DENSITY: 0.97 g/cm³ ASTM D-1298

SOLUBILITY IN WATER: Complete

pH (neat, 20°C): 7.2 ASTM E-70

VISCOSITY (20 °C): 10 cps ASTM D-2983

FREEZING POINT: -7 °C ASTM D-1177



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10. STABILITY AND REACTIVITY

STABILITY:

Stable under ambient conditions.

CONDITIONS TO AVOID:

Heat and sources of ignition.

MATERIALS TO AVOID:

Oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of nitrogen, Hydrogen chloride, Oxides of carbon (under fire conditions).

11. TOXICOLOGICAL INFORMATION

Hazard classification is based on 88/379/EEC, 67/548/EEC and available ingredient toxicity data. Please refer to section 3 for hazards identification.

12. ECOLOGICAL INFORMATION

PERSISTENCY AND DEGRADATION:

The following results are for the hazardous ingredients:

Didecyldimethyl ammonium chloride: > 90% in 10 days (OECD 301E).

Isopropanol: readily biodegradable

The product is expected to be readily biodegradable.

ECOTOXICOLOGICAL EFFECTS:

Fish: LC50 = 1 - 10 mg/l (estimated)

Daphnia magna: EC50: < 1 mg/l (estimated)



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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. Ensure compliance with EC, national and local regulations.

NATIONAL REGULATIONS UK

In accordance with the Environmental Protection (Duty of Care) Regulations 1991. Special Waste Regulations 1996 apply.

NATIONAL REGULATIONS AUSTRIA

Waste Code: 53507

14. TRANSPORT INFORMATION

Class: 8 Packing group: II

UN No: 2920

Proper shipping name: CORROSIVE LIQUID, FLAMMABLE, N.O.S., Isopropanol, Didecyldimethyl ammonium chloride.

ADR/RID, H.I.n.: 83

EmS-Nr.: 8-15

15. REGULATORY INFORMATION

CLASSIFICATION:

HAZARD SYMBOL: CORROSIVE – Flammable



C, CORROSIVE

Contains: Didecyldimethyl ammonium chloride, Isopropanol

RISK PHRASES:

R10 Flammable. R34 Causes burns.

SAFETY PHRASES:

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S37/39 Wear suitable gloves and eye/face protection. S28 After contact with skin, wash immediately with plenty of water. S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). S43 In case of fire, use Foam, Water spray, Dry powder, Carbon dioxide.

NATIONAL REGULATIONS GERMANY

VbF-Klasse: None

WHG-WGK: 3 Classification according VwVwS v. 17.05.99, Anhang 4

TA-Luft: -

Berufsgenossensch. Vorschriften: Take notice of UVV-Chemie

Hinweise zur Beschäftigungsbeschränkung: Observe § 15 of regulations for hazardous substances

NATIONAL REGULATIONS UK

COSHH regulations apply. This MSDS should be displayed wherever this product is used and stored REF. FCXnR).



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16. OTHER INFORMATION

Emergency Telephone Number +44 (0) 161 240 2100