

MATERIAL SAFETY DATA SHEET

ACCEPTA 2206

Date issued: 01/05/2008

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

PRODUCT NAME: Accepta 2206

APPLICATION: BIOCIDES

COMPANY IDENTIFICATION: ACCEPTA LTD
 Statham House, Talbot Road
 Manchester M32 0FP
 United Kingdom
 Tel. : +44 (0) 161 877 2334

EMERGENCY TELEPHONE NUMBER: See section 16, for Emergency Telephone Numbers.

2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL DESCRIPTION:

Preparation containing: Sodium Bromide in aqueous solution

HAZARDOUS INGREDIENTS:

CAS NO.	EINECS NO.	CHEMICAL NAME	WT %	SYMBOL	R-PHRASES
7647-15-6	2315999	Sodium Bromide	35-45	Xi	36

Refer to section 16 for descriptions of relevant risk phrases and Notas.

3. HAZARDS IDENTIFICATION

This product is classified as dangerous (European Directive 1999/45/EC).

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HUMAN HEALTH HAZARDS - ACUTE:

INHALATION:

May cause irritation of mucous membranes.

SKIN CONTACT:

Can cause mild irritation.

EYE CONTACT:

Irritating to eyes.

INGESTION:

There may be irritation to the gastro-intestinal tract with nausea and vomiting.

ENVIRONMENTAL HAZARDS

The hypobromous acid generated from this product is very toxic to aquatic organisms

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. 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 immediately.

INGESTION:

Do not induce vomiting without medical advice. If conscious washout mouth and give one glass of water to drink. Obtain medical attention.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA:

Water, dry powder, carbon dioxide, foam.

FIRE AND EXPLOSION HAZARD

May evolve hydrogen bromide and bromine under fire conditions.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTING:

In case of fire, wear a full face positive-pressure self contained breathing apparatus and protective suit.

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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. 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.

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

Wash site of spillage thoroughly with water.

Please refer to Section 13 for disposal considerations.

7. HANDLING AND STORAGE

HANDLING:

Avoid contact with skin and eyes. Use with adequate ventilation. Use personal protective equipment recommended in Section 8.

STORAGE CONDITIONS:

Protect from freezing. Keep container tightly closed in a cool, well-ventilated place. Storage for more than one year is not recommended.

For specific dosages and customized applications please contact your representative.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS

None

ENGINEERING MEASURES

General ventilation is recommended.

RESPIRATORY PROTECTION:

If significant mists, vapours or aerosols are generated an approved respirator is recommended, filter-type B.

HAND PROTECTION:

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

SKIN PROTECTION:

Standard protective clothing.

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EYE PROTECTION:

Chemical splash goggles

HYGIENE RECOMMENDATIONS:

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

9. PHYSICAL AND CHEMICAL PROPERTIES

NOTE: These physical properties are typical values for this product

FORM:	Liquid		
COLOUR:	Colourless - Light yellow		
ODOUR:	None		
	VALUE	UNIT	TEST METHOD
BOILING POINT:	>100	°C	
FLASH POINT:	None		
VAPOUR PRESSURE	same as water		
RELATIVE DENSITY:	1.40		
SOLUBILITY IN WATER:	Complete		
pH	6 - 8		
VISCOSITY (20 °C):	5	cps	mPa.s
FREEZING POINT:	-10	°C	

Abbreviation: NE = not evaluated, NA = not applicable, NR = not relevant

10. STABILITY AND REACTIVITY

STABILITY:

Stable under ambient conditions

CONDITIONS TO AVOID:

Freezing temperatures

MATERIALS TO AVOID:

Do not mix with acids and Oxidizing agents such as Sodium hypochlorite under conditions other than controlled feed to the system.

HAZARDOUS DECOMPOSITION PRODUCTS:

Hydrogen bromide, bromine, (under fire conditions).

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11. TOXICOLOGICAL INFORMATION

Please refer to section 3 for hazards identification.

ACUTE TOXICITY DATA: The following results are for a similar product:

ACUTE LETHALITY VALUES:

Oral (rat) LD₅₀ = >5.0 g/kg

Dermal (rabbit) LD₅₀ = >2.0 g/kg

PRIMARY (DRAIZE TEST) SKIN/EYE

Primary skin irritation: 0.0 /8.0

Primary eye irritation: 16.0 /110.0

12. ECOLOGICAL INFORMATION

PERSISTENCY AND DEGRADATION:

Persistency/Resistency: The product does not contain any organic components

Biological degradation: The product does not contain any organic components

MOBILITY AND BIOACCUMULATION POTENTIAL:

No bioaccumulation.

ECOTOXICOLOGICAL EFFECTS:

The following results are for the product:

Fish: LC₅₀/96H/Lepomis macrochirus (Bluegill Sunfish)= >1000 mg/l

LC₅₀/96H/Oncorhynchus Mykiss (Rainbow Trout)= > 1000 mg/l

Daphnia magna: LC₅₀/48H/Daphnia magna (Water Flea) : 9.3 g/l (OECD-202)

Bacteria: EC50 = 5.75 g/l

The following results are for the hypobromous acid (as Br₂) generated from sodium bromide:

LC₅₀/96H/Lepomis macrochirus (Bluegill Sunfish)= 0.52 mg/l

LC₅₀/96H/Pimephales promelus (Fathead Minnow)= 0.097 mg/l

LC₅₀/96H/Oncorhynchus Mykiss (Rainbow Trout)= 0.23 mg/l

LC₅₀/96H/Cyprinodon variegatus (Sheepshead Minnow)= 0.19 mg/l

LC₅₀/48H/Daphnia magna (Water Flea) : 0.038 mg/l

LC₅₀/48H/Crassostrea virginica (American Oyster)= 0.54 mg/l

LC₅₀/96H/Mysidopsis bahia (Mysid Shrimp)= 0.17 mg/l

ADDITIONAL ECOLOGICAL DATA:

AOX information: Product contains no organic halogens

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.

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NATIONAL REGULATIONS UK

In accordance with the Environmental Protection (Duty of Care) Regulations 1991.

NATIONAL REGULATIONS AUSTRIA

Waste Code: 51518

14. TRANSPORT INFORMATION

Class: Not regulated

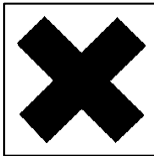
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15. REGULATORY INFORMATION

CLASSIFICATION:

HAZARD SYMBOL: IRRITANT



Xi, IRRITANT

Contains: Sodium Bromide

RISK PHRASES:

R36 Irritating to eyes

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. S28 After contact with skin, wash immediately with plenty of water. S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

NATIONAL REGULATIONS GERMANY

VbF-Klasse: None

WHG-WGK: 1 Classification according VwVwS v. 17.05.99, Anhang 4

StörfallVo:/12.BlmSchV.Liste d.Anh.IIP: -

TA-Luft: -

Berufsgenossensch. Vorschriften: None

Hinweise zur Beschäftigungsbeschränkung: None

NATIONAL REGULATIONS UK

COSHH regulations apply. A precaution card is available and should be displayed wherever this product is used and stored (Ref. XnXi).

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16. OTHER INFORMATION

RELEVANT RISK PHRASES:

R36 Irritating to eyes.

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