



Material Safety Data Sheet

Accepta 8004

Date issued: 01-06-2004

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Product Name: ACCEPTA 8004
 Application:

Company Identification: Accepta Ltd.
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 Manchester
 M32 0FP
 United Kingdom

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2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL DESCRIPTION:
 2-Bromo-2-nitropropane-1,3-diol 10%

Contains:	% Conc.	Classification	CAS	EINECS
Hazardous ingredient 2-Bromo-2-nitropropane-1,3-diol	10	Xn N R21/22, 37/38, 41, 50/53	52-51-7	200-143-0

3. HAZARD IDENTIFICATION

Classification: Xi, N; R41, 51/53: this material is a preparation.
 Risk of serious damage to eyes. Toxic to aquatic organisms may cause long term effects in the aquatic environment.



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4. FIRST AID MEASURES

Inhalation May cause irritation Remove from exposure, rest and keep warm. In severe cases, or if recovery is not rapid or complete seek medical attention.

Skin Contact May cause irritation Drench the skin with plenty of water. Remove contaminated clothing and wash before reuse. If large areas of the skin is damaged or if irritation persists seek medical attention.

Eye Contact Irritation Irrigate thoroughly with water for at least 10 minutes. Obtain medical attention.

Ingestion May cause irritation Wash out mouth with water. Do not induce vomiting. If patient is conscious, give water to drink. If patient feels unwell seek medical attention.

Immediate Treatment / Antidote: Symptomatic treatment

5. FIRE FIGHTING MEASURES

Suitable Extinguishers: Powder, foam, carbon dioxide or sand.

Hazardous Combustion Products: Oxides of nitrogen and carbon.

Special Equipment for Fire Fighting: Wear self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear appropriate PPE - See section 8

Environmental Precautions: Prevent from entering the drains and watercourses. If this cannot be prevented inform local authorities.

Clean up Procedure: 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 excessive heating in storage. Avoid contact with skin and eyes.

Storage Temperature range: Ambient°C

Keep away from: See section 10

Suitable storage Media: Stainless steel, suitably lined mild steel, glass or suitable plastics.

Precautions against static discharge: None required

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure standards: None assigned

Personal Protective Equipment:

Respiratory: None required unless present as a mist

Hand: Wear suitable chemical resistant gloves eg nitrile.

Eye: Goggles

Skin: Protective overalls

Environmental controls: Users should be aware of environmental considerations and their duties under the environmental protection act. Further advice may be found on various government websites: e.g. www.dti.gov.uk/access/index.htm and www.envirowise.gov.uk

Hygiene Measures: Always wash thoroughly after handling chemicals.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Clear colourless to pale yellow liquid

Odour Characteristic

pH 5 approx.

Boiling Point/range >100°C approx

Melting Point/range <1°C approx

Flash point >150°C

Oxidizing Properties None

Relative density 1.05 @20°C

Solubility in water Complete



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10. STABILITY AND REACTIVITY

Stability: Stable under recommended conditions

Conditions to avoid: Extremes of temperature

Materials to avoid: Strong oxidising and reducing agents

Hazardous decomposition products: Oxides of nitrogen and carbon

11. TOXICOLOGICAL INFORMATION

Toxological effects: Severely irritating to eyes, risk of serious damage to eyes. Irritating to skin with prolonged or frequent contact, may cause flaking and softening of skin. Unlikely to be hazardous by inhalation unless present as a mist in which case will irritate respiratory tract. Ingestion may cause irritation to the gastrointestinal tract.

12. ECOLOGICAL INFORMATION

Environmental Effects:

Mobility: Soluble in water

Degradability: Not readily biodegradable

Bioaccumulative potential: Unlikely to accumulate in the environment

Aquatic Toxicity: LC50 <1mg/l fish

Partition coefficient (log Pow): <3

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13. DISPOSAL CONSIDERATIONS

Substance: Via an authorized waste disposal contractor to an approved waste disposal site, observing all local and national regulations.

Container: Used containers must not be cut up or punctured until completely purged of product residues.

14. TRANSPORT INFORMATION

UN number 3082 **Class** 9

Primary Hazard Other dangerous substance

Packing Group III **Emergency Action Code** 2 X

H.I. Number 90 **Marine Pollutant** No

Proper Shipping name Environmentally Hazardous Substance, Liquid N.O.S. (2-bromo-2-nitropropane-1,3diol)

15. REGULATORY INFORMATION

Symbols



Xi, Irritant, N Dangerous for the Environment

Risk Phrases R41, 51/53 Risk of serious damage to eyes. Toxic to aquatic organisms, may cause long term effects in the aquatic environment.

Safety Phrases S26, 37/39, 61 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves and eye/face protection. Avoid release to the environment. Refer to special instructions/safety data sheets.

Additional labelling:

Use of this material may be governed by the following regulations:- (users are advised to consult these regulations for further information).

COSHH

The information contained in this data sheet does not constitute an assessment of workplace risks.

List of relevant risk phrases:

R21 Harmful in contact with skin.

R22 Harmful if swallowed.

R37 Irritating to the respiratory system.

R38 Irritating to skin.

R41 Risk of serious damage to eyes.

R50 Very toxic to aquatic organisms.

R53 May cause long term adverse effects in the aquatic environment.



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16. OTHER INFORMATION

Emergency Telephone Number +44 (0) 161 877 2334
