



Material Safety Data Sheet

Accepta 2082

Date issued: 01-06-2004

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Product Name:	ACCEPTA 2082
Application:	Oxygen Scavenger: Boiler Water Treatment
Company Identification:	Accepta Ltd. Quay West Trafford Wharf Road Manchester M17 1HH United Kingdom
Office telephone number:	+44 (0) 161 240 2100
Office fax number:	+44 (0) 870 135 6389
Emergency Telephone Number:	+44 (0) 161 240 2100

2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL DESCRIPTION:
Sodium sulphite, Sodium metabisulphite, Polymer, Sulphate.

HAZARDOUS INGREDIENTS:					
CAS NO.	EINECS NO.	CHEMICAL NAME	WT %	SYMBOL	R-PHRASES
7757-83-7	2318214	Sodium sulphite	80-100	Xi	31, 36/38
7681-57-4	2316730	Sodium metabisulphite	< 5	Xn	22, 31, 37/38, 41

3. HAZARD IDENTIFICATION

HUMAN HEALTH HAZARDS - ACUTE:

INHALATION:
May cause irritation of mucous membranes.

SKIN CONTACT:
Irritating to skin.

EYE CONTACT:
Irritating to eyes.

INGESTION:
May cause mucosal damage.

HUMAN HEALTH HAZARDS - CHRONIC:
Contains Sulfites. Sulfites can cause an allergic reaction in sensitive individuals.
Chronic exposure to sulfites may cause symptoms of upper respiratory disease and affect sense of taste and smell.

ENVIRONMENTAL HAZARDS
Depletes oxygen content in water courses.

PHYSICAL AND CHEMICAL HAZARDS:
Contact with acids liberates toxic gas (Sulfur Dioxide). Do not mix with Oxidizing agents, Hypochlorites and chlorites.



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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:
Water spray, foam, dry powder, carbon dioxide.

FIRE AND EXPLOSION HAZARD
May evolve oxides of sulphur 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.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:
Do not breathe dust. Ensure adequate ventilation. 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:
Sweep up and shovel. Reclaim into recovery or salvage drums.



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7. HANDLING AND STORAGE

HANDLING:
Do not breathe dust. Avoid contact with skin and eyes. Use with adequate ventilation. Avoid generating dusts.

STORAGE CONDITIONS:
Keep in dry, cool place. Keep container tightly closed. Keep at temperature not exceeding 49 °C. Store separately from acids. Keep away from Oxidizing agents.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS
NATIONAL REGULATIONS UK
OES dust inhalable 10 mg/m³ (TWA)
OES dust respirable 4 mg/m³ (STEL)
Sulphur dioxide: OES 2 ppm (TWA), OES 5 ppm (STEL)

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. Dust respirator.

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

SKIN PROTECTION:
Standard protective clothing.

EYE PROTECTION:
Safety glasses with side-shields.

HYGIENE RECOMMENDATIONS:
Keep an eye wash fountain available. Keep a safety shower available. Wash hands during breaks and at end of the shift. If clothing is contaminated, brush off excess powder, 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: Crystalline
COLOUR: Off-white
ODOUR: Sweet

VALUE UNIT TEST METHOD
FLASH POINT: NA
SOLUBILITY IN WATER: Complete
17% @ 10 °C
pH (10%): 7.6 - 8.2 ASTM E-70
BULK DENSITY: 1.5 g/cm³

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



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10. STABILITY AND REACTIVITY

STABILITY:

Stable under ambient conditions.

CONDITIONS TO AVOID:

Moisture.

MATERIALS TO AVOID:

Oxidizing agents, Acids.

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of sulphur (under fire conditions). Sulphur Dioxide (under acidic conditions).

11. TOXICOLOGICAL INFORMATION

Please refer to section 3 for hazards identification.

ACUTE TOXICITY DATA:

ACUTE LETHALITY VALUES:

Oral (rat) LD50 = 2610 mg/kg

CHRONIC TOXICITY DATA:

Repeated or prolonged exposure may cause skin irritation and dermatitis. Chronic exposure to sulphites may cause symptoms of upper respiratory disease and affect sense of taste and smell.

12. ECOLOGICAL INFORMATION

No data available on the product.

ECOTOXICOLOGICAL EFFECTS:

Depletes oxygen content in water courses.



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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.

NATIONAL REGULATIONS UK

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

NATIONAL REGULATIONS AUSTRIA

Waste Code: 51540

14. TRANSPORT INFORMATION

Class: Not regulated

15. REGULATORY INFORMATION

CLASSIFICATION:
HAZARD SYMBOL: Xi, IRRITANT



Xi, IRRITANT

Contains: Sodium sulphite, Sodium metabisulphite

RISK PHRASES:

R36/38 Irritating to eyes and skin.

R31 Contact with acids liberates toxic gas (Sulfur Dioxide).

SAFETY PHRASES:

S22 Do not breathe dust.

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: !! MISSING PHRASE !!

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

StörfallVO: /12.BImSchV.Liste d. Anh. II): -

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

A precaution card is available and should be displayed wherever this product is used and stored

(Ref.XnXiGR)

NATIONAL REGULATIONS FRANCE

Tableau des maladies professionnelles n°66A.



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16. OTHER INFORMATION

Emergency Telephone Number +44 (0) 161 240 2100