

# SAFETY DATA SHEET

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## ACCEPTA Sodium Bisulphite 40

Revision 3

Revision date 30-Jun-2008

### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name Sodium Bisulphite 40

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### 2. COMPOSITION / INFORMATION ON INGREDIENTS

#### Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
Sodium metabisulphite (Disodium disulphite)	30-40%	7681-57-4	231 -673-0	Xn; R22 Xi; R41 R31

### 3. HAZARDS IDENTIFICATION

Main hazards Harmful if swallowed. Contact with acids liberates toxic gas. Risk of serious damage to eyes.

### 4. FIRST AID MEASURES

**Skin contact** May cause irritation to skin. May cause dermatitis. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

**Eye contact** May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

**Inhalation** Harmful by inhalation. Inhalation may cause nausea and vomiting. May cause dizziness and headache. Move the exposed person to fresh air. Seek medical attention.

**Ingestion** Harmful if swallowed. Ingestion may cause nausea and vomiting. **DO NOT INDUCE VOMITING.** Rinse mouth thoroughly. If swallowed, seek medical advice immediately and show this container or label.

**General information** In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Keep the affected person warm and at rest.

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## 5. FIRE FIGHTING MEASURES

Extinguishing media	Use as appropriate: carbon dioxide (CO <sub>2</sub> ), dry chemical, foam.
Fire hazards	Burning produces irritating, toxic and obnoxious fumes.
Protective equipment	Self-contained breathing apparatus. Wear protective clothing.

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Ensure adequate ventilation of the working area. Wear suitable protective equipment.
Environmental precautions	Do not allow product to enter drains. Prevent further spillage if safe. Advise local authorities if large spills cannot be contained.
Clean up methods	Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

## 7. HANDLING AND STORAGE

Handling	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Wear suitable respiratory equipment when necessary. Adopt best Manual Handling considerations when handling, carrying and dispensing.
Storage	Keep in a cool, dry, well ventilated area. Keep containers tightly closed.
Suitable packaging	Plastic containers.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure limits

Sodium metabisulphite (Disodium disulphite)	WEL 8-hr limit ppm: - WEL 15 min limit ppm: -	WEL 8-hr limit mg/m <sup>3</sup> : 5 WEL 15 min limit mg/m <sup>3</sup> : -
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Engineering measures	Ensure adequate ventilation of the working area.
Occupational exposure controls	Keep away from food, drink and animal feedingstuffs.
Respiratory protection	Self-contained breathing apparatus. Wear protective clothing.
Hand protection	Chemical resistant gloves (PVC)
Eye protection	Approved safety goggles.
Protective equipment	Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes and skin. Wear chemical protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Description	Liquid.
Colour	Clear. Yellow.
Odour	Pungent.
pH	3.0 - 6.0
Boiling point	83°C
Relative density	1.30 - 1.32
Water solubility	miscible in water.
Freezing Point	6°C

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## 10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Conditions to avoid	Heat, sparks and open flames. Heating produces hazardous fumes.
Materials to avoid	Acids. Strong oxidising agents.
Hazardous decomposition products	Sulphur oxides.

## 11. TOXICOLOGICAL INFORMATION

### Toxicological information

Sodium Bisulphite 40% Oral Rat LD50 = 2000 mg/kg

Corrosivity	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Irritating to eyes and respiratory system.
Repeated or prolonged exposure	Avoid prolonged or repeated exposure.
Mutagenic effects	No mutagenic effects reported.
Carcinogenic effects	No carcinogenic effects reported.
Reproductive toxicity	No teratogenic effects reported.

## 12. ECOLOGICAL INFORMATION

Ecotoxicity Harmful to aquatic organisms.

GENESYS RED Fish LC50/96h = 240 mg/l


## 13. DISPOSAL CONSIDERATIONS

General information	Dispose of in compliance with all local and national regulations.
Disposal methods	Contact a licensed waste disposal company. Dispose of in compliance with all local and national regulations. For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.
Disposal of packaging	Empty containers can be cleaned with water. Empty containers can be sent for disposal or recycling. Containers must be recycled in compliance with national legislation and environmental regulations.

## 14. TRANSPORT INFORMATION

Further information The product is not classified as dangerous for carriage.

## 15. REGULATORY INFORMATION

Labelling	The product is classified in accordance with 67/548/EEC.
Symbols	Xn - Harmful 
Risk phrases	R22 - Harmful if swallowed. R31 - Contact with acids liberates toxic gas. R41 - Risk of serious damage to eyes.
Safety phrases	S25 - Avoid contact with eyes. S46 - If swallowed, seek medical advice immediately and show this container or label.

## 16. OTHER INFORMATION

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**Text of risk phrases in  
Section 2**

R22 - Harmful if swallowed.  
R31 - Contact with acids liberates toxic gas.  
R41 - Risk of serious damage to eyes.

**Further information**

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

**Revision**

This document differs from the previous version in the following areas:  
15 - symbols.  
16 - text of risk phrases in Section 2.

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