

1. Identification of the substance/mixture and of the company/ undertaking

1.1 Product identifier

Trade name : Sodium Bisulphate, Powder (pH Reducer) Dry Acid
Index-No : 016-046-00-X
CAS-No. : 7681-38-1
EC-No. : 231-665-7

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the Substance/Mixture : At this time we do not yet have information on identified uses.
They will be included in this safety data sheet when available

Recommended restrictions on use : At this time we do not yet have information on use restrictions.
They will be included in this safety data sheet when available.

1.3 Details of the supplier of the safety data sheets

Company : SIS Chemicals Ltd , 22 Whitefield Road, New Milton
Hampshire. BH25 6DF
Telephone : 01425 621021
Fax : 01425 618191
Email : sales@sischem.co.uk

1.4 Emergency telephone number

Emergency telephone Number : Emergency only telephone number (open 24 hours):
01865 407333 (N.C.E.C. Culham)

2. Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulations (EC) No 1272/2008

<u>Hazard class</u>	<u>Hazard category</u>	<u>Target Organs</u>	<u>Hazard statements</u>
Serious eye damage/ Eye irritation	Category 1		H318

For full text of the H-statements mentioned in this Section, see Section 16

Classification according to EU Directive 67/548/EEC or 1999/45/EC

<u>Hazard symbol / Category of danger</u>	<u>Risk phrases</u>
Irritant (Xi)	R41

For full text of the R-phrases mentioned in this Section, see Section 16.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

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Tel: 01425 621021 Fax: 01425 618191 Email: sales@sischem.co.uk

Product Name: Sodium Bisulphate

Revision Date: 21st February 2011

Hazard symbols :



Signal word : Danger

Hazard statements : H318 Causes serious eye damage.

Precautionary statements

General : P280 Wear protective gloves/ protective clothing / eye protection/ face protection

: P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

: P310 Immediately call a POISON CENTRE or doctor.

Hazardous components which must be listed on the label:

• Sodium hydrogensulphate

2.3 Other hazards

No other information is available

3.. Composition / information on ingredients

3.1 Substances

<u>Chemical name</u>	<u>Identification Number</u>	<u>Amount (%)</u>
	Index-No : 016-046-00-X	
	CAS-No. : 7681-38-1	<= 100
Sodium hydrogensulphate	EC-No : 231-665-7	

4. First aid measures

4.1 Description of first aid measures

General advice : Take off all contaminated clothing immediately

If inhaled : Remove to fresh air.

In case of skin contact : Wash off immediately with soap and plenty of water.

In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 10 minutes . Consult an eye specialist immediately.

If swallowed : Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. If symptoms persist, call a doctor.

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4.2 Most important symptoms and effects, both acute and delayed

Symptoms : No further information available.

Effects : No further information available.

4.3 Indication of immediate attention and special treatment needed

Treatment : Treat symptomatically.

5. Fire- fighting measures

5.1 Extinguishing media:

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : High volume water jet.

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire fighting : Incomplete combustion may form toxic pyrolysis products.

5.3 Advice for firefighters

Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus. Wear full protective equipment.

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Wear personal protective equipment. Avoid contact with skin and eyes. For personal protection see section 8.

6.2 Environmental precautions

Environmental precautions : Do not flush into surface water or sanitary sewer system.

6.3 Methods and materials for containment and cleaning up

Methods and materials for containment and cleaning up : Use mechanical handling equipment. Keep in suitable, closed containers for disposal. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).

Further information : Treat recovered material as described in the section "Disposal considerations"

6.4 Reference to other sections

For personal protection see section 8

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : :Keep container tightly closed. Avoid contact with skin, eyes and clothing.
.Emergency eye wash fountains and emergency showers should be available in the immediate vicinity.

Hygiene measures : Keep away from food, drink and animal feeding stuffs. Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and at end of workday. Take off all contaminated clothing immediately. Provide adequate ventilation. Avoid contact with skin and the eyes.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep only in the original container.

Advise on protection against fire and explosion : Normal measures for preventive fire protection.

Further information on storage conditions : Keep tightly closed in a dry and cool place. Keep away from heat.

Advice on common storage : Keep away from food, drink and animal feeding stuffs.

7.3 Specific end uses

Specific end use(s) : No information available

8. Exposure controls / personal protection

8.1 Control parameters

Other OELs

(Additional) Information : Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Engineering measures

Refer to protective measures listed in Section 7 ad 8

Personal protective equipment

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Respiratory protection

Advice : Required, if exposure limit is exceeded (e.g. OEL).

Hand protection

Advice : The glove material has to be impermeable and resistant to the product/the substance / the preparation.
Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact). Protective gloves should be replaced at first signs of wear.
The following materials are suitable:
PVC Gloves
Rubber Gloves

Eye protection

Advice ; Tightly fitting safety goggles

Skin and body protection

Advice : Wear personal protective equipment.

Environmental exposure controls

General advice : Do not flush into surface water or sanitary sewer system.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form	: Solid
Colour	: White
Odour	: Characteristic
Odour Threshold	: Currently no information available
pH	: 0.5
	120 g/l
Freezing point	: Currently no information available
Boiling point	: Currently no information available
Flash point	: Currently no information available
Evaporation rate	: Currently no information available
Flammability (solid, gas)	: Currently no information available
Upper explosion limit	: Currently no information available
Lower explosion limit	: Currently no information available
Vapour pressure	: Currently no information available
Relative vapour density	: Currently no information available
Relative density	: Currently no information available
Water solubility	: hydrolyses
Partition coefficient::n-octanol/water	: Currently no information available
Ignition temperature	: Currently no information available
Thermal decomposition	: Currently no information available
Viscosity, kinematic	: Currently no information available
Explosivity	: Currently no information available
Oxidizing properties	: Currently no information available

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9.2 Other information

: No further information available.

10. Stability and reactivity

10.1 Reactivity

Advice : Currently no information available

10.2 Chemical stability

Advice : Stable

10.3 Possibility of hazardous reaction

Hazardous reactions : Currently no information available

10.4 Conditions to avoid

Conditions to avoid : Avoid high temperatures.
Exposure to moisture.

10.5 Incompatible materials

Materials to avoid : Strong bases
Oxidizing agents
Bleaching agent
Chlorates
Nitrates

10.6 Hazardous decomposition products

Hazardous decomposition products : Sulphur oxides
Heating may cause toxic fumes

11. Toxicological information

11.1 Information on toxicological effects

Sodium Bisulphate, Powder **Cas-No.7681-38-1**
(pH Reducer)

Irritation

Eyes Result : Risk of serious damage to eyes.

Sensitisation Remarks : No sensitizing effect known.

12. Ecological information

12.1 Toxicity

Sodium Bisulphate, Powder **Cas-No. 7681-38-1**
(pH Reducer)

Acute Toxicity

Product Name: Sodium Bisulphate

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Remarks : This product has no known eco-toxicological effects.

12.2 Persistence and degradability

12.3 Bioaccumulative potential

12.4 Mobility in soil

12.5 Results of PBT and vPvB assessment

12.6 Other adverse effects
Sodium Bisulphate, Powder
(pH Reducer) : Cas-No. 7681-38-1

Additional ecological information

Remarks : Do not flush into surface water or sanitary sewer system.
Avoid subsoil penetration.

13. Disposal considerations

13.1 Waste treatment methods

Product : Disposal together with normal waste is not allowed. Special disposal required according to local regulations. Do not let product enter drains. Contact waste disposal services.

Contaminated packaging : Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning. Packagings that cannot be cleaned are to be disposed of in the same manner as the product.

European Waste Catalogue number : No waste code according to the European Waste Catalogue can be assigned for this product, as the intended use dictates the assignment. The waste code is established in consultation with the regional waste disposer.

Transport information

14. **Not dangerous goods.**

14.1 **UN number** : Not applicable

14.2 **UN proper shipping name** : **Not applicable**

14.3 **Transport hazard class (es)** : Not applicable

14.4 **Packaging group** : **Not applicable**

14.5 **Environmental hazards** : **Not applicable**

14.6 **Special precautions for user**
: Not applicable

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and IBC code

IMDG : Not applicable

15. Regulatory information

15.1 Safety, health and environmental regulations/ legislation specific for the substance or mixture

15.2 Chemical safety Assessment

No information currently available

16. Other information

Full text of R-phrases referred to under sections 2 and 3

R41 Risk of serious damage to eyes.

Full text of H-Statements referred to under sections 2 and 3

H318 Causes serious eye damage.

Date of issue: 21st February 2011

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