

REVISION DATE: 15.06.2010



SAFETY DATA SHEET SODIUM HYDROGENSULPHATE

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

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|--|--|
| PRODUCT NAME | SODIUM HYDROGENSULPHATE |
| CAS-No. | 7681-38-1 |
| EU INDEX NO. | 016-046-00-X |
| EC No. | 231-665-7 |
| SUPPLIER | Univar Aquarius House 6 Midpoint Business Park Thornbury Bradford BD3 7AY +44 1274 267300 +44 1274 267306 sds@univareurope.com |
| SYNONYMS, TRADE NAMES | Sodium Bisulphate, Dry Acid, pH Minus, Sodium Acetate Sulphate, Pool Acid, pH Reducer |
| Emergency Contact Number (Office Hours) | +44 1274 267346 |
| Emergency Contact Number (Outside Office Hours) | +441865 407333 |
| SDS No. | 1386 |

2 HAZARDS IDENTIFICATION

| | | |
|--------------------------------------|---------------|-------------------|
| CLASSIFICATION (67/548) | Xi;R41 | |
| CLASSIFICATION (EC 1272/2008) | Physical | Not classified. |
| | Health | Eye Dam. 1 - H318 |
| | Environmental | Not classified. |

LABEL IN ACCORDANCE WITH (EC) NO. 1272/2008



| | | |
|---------------------------------|--------------|--|
| SIGNAL WORD | Danger | |
| HAZARD STATEMENTS | H318 | Causes serious eye damage. |
| PRECAUTIONARY STATEMENTS | P305/351/338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |

3 COMPOSITION/INFORMATION ON INGREDIENTS

| | |
|---------------------|--------------|
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4 FIRST-AID MEASURES

INHALATION

Move into fresh air and keep at rest. Get medical attention if any discomfort continues.

INGESTION

Provide rest, warmth and fresh air. Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention if any discomfort continues.

SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.

EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention immediately. Continue to rinse.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

SPECIFIC HAZARDS

Oxides of: Sulphur.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

ENVIRONMENTAL PRECAUTIONS

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

SPILL CLEAN UP METHODS

Shovel into dry containers. Cover and move the containers. Flush the area with water. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact.

STORAGE PRECAUTIONS

Keep containers tightly closed. Keep in original container.

STORAGE CLASS

Chemical storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT



RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided.

HAND PROTECTION

Use protective gloves.

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SODIUM HYDROGENSULPHATE**EYE PROTECTION**

Wear approved safety goggles.

OTHER PROTECTION

Wear rubber apron. Wear rubber footwear.

9 PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|-----------------------------------|---------------------------------|-------------------------|------------|
| APPEARANCE | Crystalline powder Powder, dust | | |
| COLOUR | White | | |
| SOLUBILITY | Soluble in water. | | |
| MELTING POINT (°C) | 180 | RELATIVE DENSITY | 1, 4 - 1.5 |
| pH-VALUE, DILUTED SOLUTION | 1.2 - 1.3 | | |

10 STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Water, moisture.

MATERIALS TO AVOID

Water reactive material.

HAZARDOUS DECOMPOSITION PRODUCTS

Hydrogen. Oxides of: Carbon.

11 TOXICOLOGICAL INFORMATION**INHALATION**

Irritating to respiratory system.

INGESTION

May cause stomach pain or vomiting.

SKIN CONTACT

Irritating to skin.

EYE CONTACT

Risk of serious damage to eyes.

12 ECOLOGICAL INFORMATION**ECOTOXICITY**

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

EC 50, 48 Hrs, DAPHNIA, mg/l 190

MOBILITY

The product is soluble in water.

13 DISPOSAL CONSIDERATIONS**GENERAL INFORMATION**

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION**GENERAL**

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

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SODIUM HYDROGENSULPHATE**15 REGULATORY INFORMATION****EU DIRECTIVES**

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

CHIP for everyone HSG(108).

16 OTHER INFORMATION

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| REV. NO./REPL. SDS GENERATED | 00 |
| SDS NO. | 1386 |
| SAFETY DATA SHEET STATUS | |
| Approved. | |
| DATE | 15.06.2010 |
| SIGNATURE | Jitendra Panchal |