

SAFETY DATA SHEET

DRY ACID SALTS

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Revised

21/01/2014

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

Product name: DRY ACID SALTS

Use of substance / preparation: Powder

Company Details Access Chemicals Ltd
Hedging Lane Wilnecote Tamworth Staffs
B77 SEX

Tel: 01827 289000 Fax: 01827 289080

2. HAZARDS IDENTIFICATION

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

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: SODIUM FLUORIDE 1-10%

EINECS: 231-667-8 CAS: 7681-49-4 [T]R25; [-]R32; [Xi] R36/38 •

SODIUM HYDROGENSULPHATE 70-90% EINECS: 231-665-7 CAS:
7681-38-1 [Xi] R41

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be mild irritation at the site of contact. **Eye**

contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting. **Inhalation:** Absorption through the lungs can occur causing symptoms similar to those of ingestion.

4. FIRST AID MEASURES (ACTION)

Skin contact: Wash immediately with plenty of soap and water. **Eye**

contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible. **Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

Exposure hazards: In combustion emits toxic fumes.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details. Do not create dust. Mark out the contaminated area with signs and prevent access to unauthorised personnel. If outside do not approach from downwind.

Environmental precautions: Do not discharge into drains or rivers.

Clean-up procedures: Transfer to a closable, labelled salvage container for disposal.

7 HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid the formation or spread of dust in the air. Avoid direct contact with the substance.

Storage conditions: **Store** in cool, well ventilated **area**. **Keep** container tightly closed.

Suitable packaging: Must only be kept in original packaging.

8 EXPOSURE CONTROLS /PERSONAL PROTECTION

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Respiratory protective device with particle filter.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Powder

Colour: White

Odour: Odourless

Oxidising: Non-oxidising (by EC criteria)

Solubility In water: Highly soluble

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Heat.

Materials to avoid: Strong oxidising agents. Strong acids.

Haz. decomp. products: In combustion emits toxic fumes

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: SODIUM FLUORIDE

ORL MUS LD50 57 mg/kg ORL RAT LD50 52 mg/kg

SCU RAT LD50 175 mg/kg

Chronic toxicty: Danger of serious damage to health by prolonged exposure through inhalation.

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

Mobility: Non-volatile. Soluble in water.

Persistence and degradability: Biodegradable.

Bioaccumulative potential: No bioaccumulation potential.

Other adverse effects: Negligible ecotoxicity.

13. DISPOSAL CONSIDERATIONS

Disposal operations: D15 Storage pending any of the operations in this Annex, excluding temporary storage, pending collection, on the site where it is produced.

R13 Storage of materials intended for submission to any operation in this Annex, excluding temporary storage, pending collection, on the site where it is produced. **Disposal of packaging:** Arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national disposal.

14. TRANSPORT INFORMATION

ADR / RID

UN no: 3260 ADR Class: 8

Packing group: II Classification code: C2

Shipping name: CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S. (SODIUM HYDROGENSULPHATE; SODIUM FLUORIDE)

Labelling: 8 Hazard ID no: 80



IMDG / IMO

UN no: 3260 Packing group: II Marine pollutant .Class: 8 EmS: F-A.S-B Labelling: 8

IATA / ICAO

UN no: 3260

Class: 8 Packing

Packing group: II

instructions: 814(P&CA); 816(CAO)

Labelling: 8

15. REGULATORY INFORMATION

Hazard symbols: Harmful.



Risk phrases: R22: Harmful If swallowed.

R32: Contact with acids liberates very toxic gas.

R41: Risk of serious damage to eyes.

Safety phrases: S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S39: Wear eye / face protection.

Water hazard class: 2

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Other information: CAUTION! First aid personnel must be aware of own risk during rescue! SPEED IS ESSENTIAL! OBTAIN IMMEDIATE MEDICAL ATTENTION. Protect yourself and any casualty from further exposure during decontamination.

Risk phrases used in s.2: R25: Toxic if swallowed.

R32: Contact with acids liberates very toxic gas. R36/38: Irritating to eyes and skin. R41: Risk of serious damage to eyes

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.