

MATERIAL SAFETY DATA SHEET

PRODUCT: DRY ACID

Sold As: Sammy Spa Alkalinity Decreaser

Date of Issue: March 15, 2006

Company: Plumbers' Supplies Co-operative Limited
Address: Unit 87A, 79-97 St Hilliers Road Auburn NSW 2144
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PRODUCT NAME: SODIUM BISULPHATE

Issued: March 15, 2006

Hazardous according to criteria of Worksafe Australia.

IDENTIFICATION

TRADE NAME : Sodium Bisulphate
OTHER NAME : Sodium Hydrogen Sulphate
U.N. NO. : None Allocated
DG CLASS : None Allocated
PACKAGING GP. : None Allocated
HAZCHEM : None Allocated
POISON SCHEDULE : S5

PHYSICAL DESCRIPTION/ PROPERTIES

Appearance, odour : Solid, transparent or slightly yellowish
Melting Point : No data available
Boiling Point : Approx. 315°C
Density @ 20°C : approx. 1.4 – 1.5 g/cm³
Flash Point (Open Cup) : Not applicable
Flammability : Non-Flammable
Solubility in Water : Approx. 280g/l water @25°C

OTHER PROPERTIES

pH (1% solution) : Approx. 1
Stability and Reactivity: : Stable under normal temperatures and pressures. Incompatible with other chemical products, especially chlorite, hypochlorite and sulphite. Product can release Hydrochloric Acid and/or sulphur oxide fumes on decomposition at high temperatures.

INGREDIENTS

Chemical Name	CAS Number	Proportion
Sodium hydrogensulphate	7681-38-1	100%

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

ACUTE EFFECTS

SWALLOWED: Corrosive. Swallowing may cause severe burns of mouth, throat and stomach. May cause gastrointestinal irritation with nausea and vomiting and soreness of the throat.

EYE: Corrosive to eyes. Can cause burns that may result in serious damage to eyes.

SKIN: Corrosive to skin. Contact with skin may cause irritation or burns.

INHALED: Severe irritant. Dust may cause irritation to damage of the respiratory tract. Symptoms may include Coughing and breathing difficulty, sneezing, sore throat or runny nose..

CHRONIC EFFECTS

No data available.

FIRST AID

SWALLOWED: If conscious, immediately rinse mouth with water and give water to drink. DO NOT induce vomiting. Seek immediate medical assistance. Do not give liquids to an unconscious person.

EYE: Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids to be held open. Seek medical assistance.

SKIN: Remove contaminated clothing. Wash affected area with large amount of soap and water. If irritation develops seek immediate medical assistance.

INHALED: Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm.

Keep at rest until fully recovered. If breathing laboured ensure airways are clear and administer oxygen. If breathing has stopped apply artificial respiration at once. Seek immediate medical assistance.

ADVICE TO DOCTOR

Treat symptomatically.

PRECAUTIONS FOR USE

EXPOSURE STANDARDS

No data available.

ENGINEERING CONTROLS

Use handling techniques and equipment that minimise dust generation. General or local exhaust ventilation may be necessary to achieve low dust levels.

PERSONAL PROTECTION

Avoid skin and eye contact and inhalation of dust. Wear protective overalls to prevent skin exposure, safety glasses or goggles and chemical resistant rubber gloves and rubber boots. Respiratory protection is required if airborne concentration is high or unknown. Use an approved dust/mist respirator meeting the requirements of AS1715 and AS1716. Always wash hands before smoking, eating, drinking or using the toilet.

FLAMMABILITY

Not flammable.

SAFE HANDLING INFORMATION**STORAGE AND TRANSPORT**

Not classified as a dangerous Good by the Australian Code for the Transport of Dangerous Goods by Road and Rail. Store in a cool, dry, well ventilated place. Keep containers tightly closed. Protect from physical damage. Store away from incompatible materials.

SPILLS

Wear proper protective equipment. Ventilate area. Respiratory protection is required in dusty environment. Sweep up spill but avoid generating dust. With a clean shovel, transfer spilled material into clean-labelled containers for disposal.

DISPOSAL

Dispose at a licensed waste processing plant. Dispose in accordance with federal, state or local regulations.

FIRE/EXPLOSION HAZARDS

Not considered to be a fire hazard. In sufficient quantity and reduced particle size, this material is capable of causing a dust explosion.

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire. Use water spray, dry chemical, carbon dioxide or foam.

Fire fighters to wear self contained breathing apparatus and full protective clothing when fighting fire. When heated to decomposition, irritating and highly toxic gases may be generated.

OTHER INFORMATION

TOXICITY

No data available.

ENVIRONMENTAL IMPACT

No data available.

Hazard Category: Corrosive / Irritant

Risk Phrases

R34: Causes Burns.

R37: Irritating to respiratory system.

Safety Phrases

S1/2: Keep locked up at out of reach of children

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show label where possible)

CONTACT INFORMATION

Plumbers' Supplies Co-operative Ltd (02)9741 8999

Emergency Contact (24hr): 1800628724

DISCLAIMER

This MSDS has been prepared from current technical data and summarises at the date of issue our best knowledge of the health and safety information of the product, and in particular how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.