



DIAKRON[®]
Consistency Accuracy Reliability

Material Safety Data Sheet

Issue Date: 1/09/2020

Product Name: Diakron Picklebath

Classified as Hazardous according to criteria of Work Safe Australia

IDENTIFICATION

Product Name	Sodium Bisulphate (Dry Acid)
Other Names	Sodium Hydrogen Sulphate, Sodium Acid Sulphate
Product Code & Sizes	PB500 500 gram plastic jar
Recommended Uses	Used to clean metals after soldering
Manufacturer Address	HY-CLOR AUSTRALIA PTY LTD 178 Power Street, Glendenning, NSW 2761 Ph: (02) 8805 2400 Fax: (02) 8805 2401
Emergency Contact Number	Business Hours Only (02) 8805 2400. After Hours 0404 859 515 General Information
24 Hour Emergency Contact	If poisoning occurs, contact a doctor or Poisons Information Centre Australia 131 126 or New Zealand 0800 764 766

HAZARDS IDENTIFICATION

Hazard Statement

This material is hazardous according to the criteria of the National Occupational health and Safety Commission.

Hazard Category

UN Number	None allocated
UN Proper Shipping Name	None allocated
Dangerous Goods Class	None allocated
Packaging Group	None allocated
Hazchem Code	None allocated

Risk Phrases

R41 Risk of serious eye damage.

Safety Phrases

S2 Keep out of reach of children.

S24 Avoid skin contact.

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

COMPOSITION / INFORMATION ON INGREDIENTS**Chemical Entity**

SODIUM BISULPHATE

CAS Number

(7681-38-1)

Proportions (%)

>92 to 100%

FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126 or New Zealand 0800 746 766)

Swallowed

Do NOT induce vomiting. Wash out mouth with water and give plenty of water drink. Seek Medical attention.

Eye

Immediately flush eyes with plenty of water holding eyelids open. Seek medical attention.

Skin

Remove contaminated clothing. Wash affected are with soap and plenty of water. If irritation persists, seek medical attention.

Inhaled

Remove victim from exposure to fresh air. If breathing difficult, apply artificial respiration as needed. Seek medical attention.

Advice to Doctor

Treat symptomatically based on individual reactions of patient and judgement of doctor.

FIRE FIGHTING MEASURES**Hazchem Code**

None allocated

Suitable Extinguishing Equipment

In case of fire, use appropriate extinguishing media suitable for surrounding fire conditions. Never use a water spray.

Specific Hazards

Non-combustible solid. Avoid generating dust. Incompatible with water and sources of ignition. Poisonous sulphur dioxide vapours form when heating to decomposition. In contact with water, the product hydrolyses and forms an acid solution which is corrosive. Watery solution corrodes metals with release of hydrogen which is a flammable gas and forms an explosive mixture with air.

Special Protection Equipment Fire fighters should wear a self contained breathing apparatus and full protective clothing along with protective equipment.

ACCIDENTAL RELEASE MEASURES

Personnel involved in the clean up should wear full protective clothing. Eliminate all sources of ignition. Increase ventilation. Avoid generating dust. Ensure that walking surfaces are not slippery before walking on them. Use spark-proof tools and equipment.

Contain and sweep/shovel up spills with dust binding material or use an industrial vacuum cleaner. Transfer to a suitable, labeled container and hold for safe disposal. Do NOT rinse away with water.

Environmental Precautions Do not allow product to reach drains, sewers or waterways. If the product does enter a waterway, advise the Environmental Protection Authority or your local Waste Management Authority.

HANDLING AND STORAGE

Handling Ensure an eye bath and safety shower are available and ready for use. Observe good personal hygiene practices and recommended procedures. Wash thoroughly after handling. Take precautionary measures against static discharges by bonding and grounding equipment.

Storage Store in a cool, dry, well ventilated area. Keep containers tightly closed when not in use. Inspect regularly for deficiencies such as damage or leaks. Protect against physical damage. Store away from incompatible materials including water and sources of ignition. Protect from moisture.

Incompatibilities Incompatible with water and sources of ignition. In contact with water, the product decomposes with the formation of sulphuric acid (corrosive). Avoid excessive heat, dusty conditions, static discharges, moisture and high temperatures.

EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards No ingredients in this product have exposure standards, as outlined in the standard *Exposure Standards for Atmospheric Contaminants in the occupational Environment* third edition, published by the National occupational Health and Safety Commission/AGPS, 1995.

Engineering Measures	Ensure ventilation is adequate. Avoid generating and inhaling dust. If dusts are produced local exhaust ventilation should be used.
Personal Protection Equipment	
Clothing	Suitable work wear should be worn to protect personal clothing eg. overalls. When large quantities are handled the use of plastic aprons and rubber boots is recommended.
Skin Protection	Wear gloves of impervious material.
Eye Protection	Safety glasses with side shields, goggles or full-face shield as appropriate.
Respiratory Protection	If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used.
Personal Hygiene	Always wash hands after using this product.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance/odour	White crystalline solid. Faint acidic odour.
pH	<1.0
Vapour Pressure	Not applicable
Vapour Density	Not applicable
Boiling Point/Range	Not applicable
Freezing/Melting Point	315 Deg C
Solubility in water	286g/L (25 Deg C)
Specific Gravity	2.43 (13 Deg C)
Flash Point	Not applicable
Lower Flammability Limit	Not applicable
Upper Flammability Limit	Not applicable
Ignition Temperature	Not applicable

STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions.
Conditions to Avoid	Extremes of temperature and direct sunlight.
Incompatible Material	Strong oxidizing agents.
Hazardous Decomposition Products	When heated above 240 Deg C, evolves suffocating and toxic fumes.
Hazardous Reactions	No data available

TOXICOLOGICAL INFORMATION

Toxicology information Oral LD (rat) = 2800mg/kg

Acute Effects

Swallowed Ingestion of this product may cause nausea, vomiting, abdominal pain and chemical burns to the mouth, throat and stomach.

Skin Skin contact will cause redness, itching, irritation, severe pain and chemical burns with resultant tissue destruction

Eye Eye contact will cause stinging, blurring, tearing, severe pain and possible permanent corneal damage.

Inhaled inhalation of mists or vapours will result in respiratory irritation and possible harmful corrosive effects including lesions of the nasal septum, pulmonary oedema, pneumonitis and emphysema.

ECOLOGICAL INFORMATION

No data is available for this material

DISPOSAL CONSIDERATIONS

Disposal Methods & Containers

In accordance with all local, state, and federal regulations.

TRANSPORT INFORMATION

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code

UN Number None allocated

UN Proper Shipping Name None allocated

Dangerous Goods Class None allocated

Packing Group None allocated

Hazchem Code None allocated

REGULATORY INFORMATION

Classified as hazardous in accordance with The Australian Safety and Compensation Council (ASCC) formerly known as NOHSC.

Poisons Schedule 5

EPG N/A

OTHER INFORMATION

Contact

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