

MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Material Name: Sodium hydrogen phosphate, monobasic.
Catalogue Number: C216.
Other Names: Sodium phosphate monobasic monohydrate
Recommended Use:

Supplier Name: ProSciTech
Street Address: 1/11 Carlton Street, Kirwan, Qld. 4817 Australia
Telephone Number: (07) 4773 9444 **Fax Number:** (07) 4773 2244
Emergency Contact: (07) 4773 9444 8:30am – 5:00pm, Monday to Friday

SECTION 2 - HAZARDS IDENTIFICATION

Hazard Classification: Not classified as hazardous according to criteria of NOHSC.
Hazardous and/or Dangerous Nature: NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.
Risk Phrases:
Safety Phrases:

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE: **Chemical Identity:** Sodium hydrogen phosphate, monobasic.
Common Name(s): Sodium phosphate monobasic monohydrate
CAS Number(s): 10049-21-5

MIXTURE:

Ingredients	Cas Number(s)	Proportion (%)
Sodium hydrogen phosphate, monobasic.	10049-21-5	100

SECTION 4 - FIRST AID MEASURES

Swallowed: Remove dentures if any. Have conscious person drink several glasses of water or milk. INDUCE VOMITING by sticking finger in throat. Lower the head so that the vomit will not reenter the mouth and throat. NEVER give an unconscious person anything to ingest.

Eye: Check for and remove any contact lenses. IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. COLD water may be used. DO NOT use an eye ointment. Seek medical attention.

Skin: If the chemical got onto the clothed portion of the body, remove the contaminated clothes as quickly as possible, protecting your own hands and body. Place the victim under a deluge shower. If the chemical touches the victim's exposed skin, such as the hands: Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. COLD water may be used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.
FOR MORE SERIOUS CONTACT: Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

Inhaled: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

First Aid Facilities: Eyebath/eyewash & Safety shower.

Medical Attention & Special Treatment:

ADDITIONAL INFORMATION:

SECTION 5 - FIRE FIGHTING MEASURES

Suitable Extinguishing Media:
 Use appropriate medium to extinguish surrounding fire.

Hazards from Combustion Products:
 Not available.

Precautions for Fire Fighters:
 Wear appropriate protective equipment for the surrounding fire.

Hazchem Code:

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Emergency Procedures:

Containment and clean up:

Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements. Wear appropriate protective equipment (refer to Section 8).

SECTION 7 - HANDLING & STORAGE

Precautions for Safe Handling:

DO NOT ingest. DO NOT breathe dust. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes.

Conditions for Safe Storage:

No Specific storage is required. Use shelves or cabinets sturdy enough to bear the weight of the chemicals. Be sure that it is not necessary to strain to reach materials, and that shelves are not overloaded.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards: No exposure standard allocated.

Biological Limit Values: No biological limit allocated.

Engineering Controls:

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protective Equipment:

Splash goggles. Lab coat. Dust respirator. Be sure to use a MSHA/NIOSH approved respirator or equivalent. Gloves (impervious). Wear appropriate respirator when ventilation is inadequate.

If dealing with a LARGE SPILL - Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Solid white powder.
Odour:	Not available.
pH:	Not available.
Vapour pressure (mm of Hg at 25°C):	Not available.
Vapour density:	Not available.
Boiling point/range (°C):	Not available.
Freezing/melting point (°C):	Decomposes at 100°C.
Solubility:	Soluble in cold water.
Specific gravity or density:	Not available.
Flash Point:	Not available.
Flammable (explosive) limits:	Not available.
Ignition temperature:	Not available.

Additional Information:

Molecular weight: 137.99

SECTION 10 - STABILITY AND REACTIVITY

Chemical stability:	Stable under normal conditions of use.
Conditions to avoid:	Not available.
Incompatible Materials:	Not available.
Hazardous Decomposition	Not available.
Products:	
Hazardous Reactions:	Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Exposure and Health Effects:

Ingestion:

Not available.

Inhalation:

Not available.

Skin Contact:

This product may irritate skin upon contact.

Eye Contact:

This product may irritate eyes upon contact. Inflammation of the eye is characterized by redness, watering, and itching.

Human/Animal data: Not available.**Carcinogenicity:** Not available.**SECTION 12 – ECOLOGICAL INFORMATION****Ecotoxicity:** Not available.**Persistence and degradability:** Some metallic oxides are produced as a product of biodegradation; these products are as toxic as the original product.**Mobility:** Not available.**Additional Information:** Not available.**SECTION 13 - DISPOSAL CONSIDERATIONS****Disposal Methods:**

Dispose of in accordance with local, state and federal law.

Special Precautions:

Not available.

SECTION 14 - TRANSPORT INFORMATION**UN Number:** Not regulated.**UN Proper Shipping Name:** Not regulated.**Class and Subsidiary risk:** Not regulated.**Packing Group:** Not regulated.**Special Precautions for User:** Not available.**Hazchem Code:** Not regulated.**SECTION 15 - REGULATORY INFORMATION****Poison Schedule Number:** None allocated.**SECTION 16 - OTHER INFORMATION**

Date of preparation of MSDS: January 10

Comments:

The information published in this Material Safety Data Sheet has been compiled from data in various technical publications. It is the user's responsibility to determine the suitability of this information for adoption of necessary safety precautions. We reserve the right to revise material Safety Data Sheets as new information becomes available. Copies may be made for non-profit use.