

AERCHEM INC.
400 W. 7TH ST. SUITE 112
BLOOMINGTON, IN 47404

Tel: 812.334.9996

Fax: 812.334.1960

Emergency: 800-424-9300

Effective Date: 06/07/94

Product Name: Sodium Phosphate Dibasic, Reagent A.C.S.

Chemical Formula: Na₂HPO₄

Cas No.: 7558-79-4

Hazardous Ingredients: None

Physical Data:

Melting point (range) Approx.:	180°C
Boiling point:	N/A
Decomposition temperature:	N/A
pH (depends on quality):	N/A
Solubility in water:	12 at 25°C
Odor:	None
Physical form:	Solid white granules
Vapor pressure:	N/A
Vapor density:	N/A
Tap density:	N/A
Evaporation rate:	N/A

Fire and Explosion Information:

Flash point:	N/A
(Auto) ignition temperature:	N/A
Extinguishing media to be recommended: surrounding fire conditions.	Use extinguishing media appropriate to
To be avoided:	N/A
Fire fighting and explosion precautions:	Wear self-contained breathing apparatus. Wear full protective clothing.
Fire and explosions hazards:	N/A

Reactivity Data: **Stable** X **Unstable**

Hazardous Decomposition: Nature of decomposition products not known.

Hazardous Polymerization: N/A

Incompatibilities: Strong Acids.

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Handling and Storage Information: Store in cool dry place away from sources of moisture and heat.

Leak/Spill Information:

Material may be swept up from contaminated area and disposed of according to Local, State and Federal regulations.

Disposal Information:

Dispose according to Local, State and Federal regulations.

Health Hazard Information: No information currently available.

Chronic Exposures:

Aggravation of pre-existing conditions:

First Aid: Wash affected area with copious amounts of water for at least 15 minutes. If ingested, contact a physician.

Inhalation: Remove to fresh air immediately. Give oxygen or artificial respiration as needed.

Ingestion: Wash out mouth immediately. Contact a physician.

Skin Contact: Wash area with copious amounts of water for at least 15 minutes. Obtain medical attention if irritation develops.

Eye Contact: Wash eyes immediately with copious amounts of water for at least 15 minutes. Obtain medical attention if irritation persists.

C. Toxicity Data

Oral-rat LD50 : 17 gm/kg

Occupational Control Measures:

Airborne Exposure Limited: N/A

Ventilation Systems: Keep in a cool, dry area.

Personal Respirators: (Niosh Approved) Wear a NIOSH approved respirator.

Skin Protection: Wear chemical resistant gloves and protective clothing.

Eye Protection: Wear goggles/face shield.