



GUIZHOU LVYIN BIOTECH CO., LTD

Add: No.5 Jinjiang Road, Xiaohe, Guiyang, Guizhou, China
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Material Safety Data Sheet

Mono Sodium Phosphate (MSP)

1 Chemical Product and Company Information

Product name Mono Sodium Phosphate
Synonyms Sodium Phosphate, Mono Basic.
Supplier Information: Guizhou Lvyinbio Biotech Co., Ltd
No.5 Jinjiang Road, Xiaohe, Guiyang, Guizhou, China.
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2 Composition/Information on Ingredients

Substances / Preparation: Substances
Chemical Name: NaH₂PO₄
CAS NO.: 7558-80-7

3 Hazards Identification

Emergency Overview: Causes irritation to skin, eyes and respiratory tract.harmful if swallowed or inhaled potential health effects.

Inhalation: Mono Sodium Phosphate may cause irritation to the respiratory tract. Symptoms may include coughing and shortness of breath.

Ingestion: Phosphates are slowly and incompletely absorbed when ingested, and seldom result in systemic effects. Such effects, however, have occurred. Symptoms may include vomiting, lethargy, diarrhea. blood chemistry effects, heart disturbances and central nervous system effects. The toxicity of phosphates is because of their ability to sequester calcium.

Eye contact: Mono Sodium Phosphate may cause irritation, redness and pain.

Skin Contact: Sodium Phosphate Monobasic is irritant due to its acidic nature. May cause inflammation and pain on prolonged contact, especially with moist skin.

4 First Aid Measures

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion: Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.

Skin Contact: Remove contaminated clothing. Wash thoroughly with water .

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention if irritation persists.

5 Fire Fighting Measures

Fire: Mono Sodium Phosphate is not considered to be a fire hazard.

Explosion: Mono Sodium Phosphate is not considered to be an explosion hazard.

Fire Extinguishing Media: Use any means suitable for extinguishing surrounding fire over Mono Sodium



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Special Information: Phosphate.
Use protective clothing and breathing equipment appropriate for the surrounding fire while tackling fire over Mono Sodium Phosphate.

6 Accidental Release Measures

Personal protection measures: Protection of eyes.
Environmental Precautions: Avoid spills that could reach any water way.
Methods for Cleaning: Scrap up into secure containers and remove.

7 Handling and Storage

Handling No specific requirements.
Storage Avoid moisture.

8 Exposure Control and Personal Protection

Ventilation Protection: In general, dilution ventilation is a satisfactory health hazard control for Mono Sodium Phosphate. However, if conditions of use create discomfort to the worker, a local exhaust system should be considered.
Eye Protection: Safety glasses.
Skin Protection: For Mono Sodium Phosphate wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

9 Physical and Chemical Properties

Chemical Formula: NaH_2PO_4
Color and Appearance: Crystals
Odor: odorless
Solubility: 59.9 g/100g @ 0C (32F)
pH: 4.1-4.5
Specific Gravity: n/a
Vapor Pressure(mm/hg): n/a
Vapor Density (air=1): n/a
Boiling Point n/a
Bulk Density: n/a
Volatiles by Volume: n/a

10 Stability and Reactivity

Stability: Stable.
Circumstances to be avoided: Avoid moisture.
Substances to be avoided : Not known.
Dangerous So Not known.
decomposition products :

11 Toxicological Information

Eye effects : None
Carcinogenicity : None.



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12 Ecological Information

Environmental Fate: No information found.
Environmental Toxicity: No information found.

13 Disposal Considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options.

14 Transport Information

This material is not dangerous goods according to international regulations for transport.

15 Regulatory Information

Poison Schedule: None allocated.
Chemical Weapons Convention: No.
Fire: No

16 Other Information

This information herein given in good faith and to the best of our knowledge. Since we have no control over the use of the product, we make no warrantee or representation, expressed or implied, other than that it conforms to the chemical description on its label. No agent, representative or employee of us is authorized to change any terms of this notice.