



GUIZHOU LVYIN BIOTECH CO., LTD

Add: No.5 Jinjiang Road, Xiaohe, Guiyang, Guizhou, China
Tel: 0086 851-3799686 / 3936248
Website: www.lvinyinbio.com

Fax: 0086 851- 3799687
Email: info@lvinyinbio.com

Material Safety Data Sheet

Di Sodium Phosphate (DSP)

1 Chemical Product and Company Information

Product name Di Sodium Phosphate
Synonyms Sodium phosphate dibasic
Supplier Information: Guizhou Lvyinbio Biotech Co., Ltd
No.5 Jinjiang Road, Xiaohe, Guiyang, Guizhou, China.
Tel: 0086 851-3799686
Fax: 0086 851-3799687

2 Composition/Information on Ingredients

Substances / Preparation: Substances
Chemical Name: Na₂HPO₄
CAS NO.: 7558-79-4

3 Hazards Identification

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

Inhalation: Sodium Phosphate Dibasic 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: Sodium phosphate dibasic may cause irritation, redness and pain.

Skin Contact: Di Sodium Phosphate may cause irritation with redness and pain.

4 First Aid Measures

Inhalation: Remove to fresh air. Get medical attention for any breathing difficulty.

Ingestion: Give large amounts of water to drink. Never give anything by mouth to an unconscious person. Get medical attention.

Skin Contact: Immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention if irritation develops.

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

Explosion: Disodium phosphate is not considered to be an explosion hazard.

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



GUIZHOU LVYIN BIOTECH CO., LTD

Add: No.5 Jinjiang Road, Xiaohe, Guiyang, Guizhou, China
Tel: 0086 851-3799686 / 3936248
Website: www.lvinyinbio.com

Fax: 0086 851- 3799687
Email: info@lvinyinbio.com

Special Information: Phosphate.
In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

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 Keep Di Sodium Phosphate in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Isolate from incompatible substances.

8 Exposure Control and Personal Protection

Ventilation Protection: A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area..
Eye Protection: Use chemical safety goggles. Maintain eye wash fountain and quick-drench facilities in work area.
Skin Protection: Wear protective gloves and clean body-covering clothing.

9 Physical and Chemical Properties

Chemical Formula: Na_2HPO_4
Color and Appearance: white granular powder. Hygroscopic.
Odor: odorless
Solubility: Sodium phosphate dibasic is soluble in water.
pH: No information found.
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: Disodium phosphate is stable under ordinary conditions of use and storage.
Circumstances to be avoided: Avoid moisture.
Substances to be avoided : Not known.
Dangerous decomposition products : So Not known.



GUIZHOU LVYIN BIOTECH CO., LTD

Add: No.5 Jinjiang Road, Xiaohe, Guiyang, Guizhou, China
Tel: 0086 851-3799686 / 3936248
Website: www.lvinyinbio.com

Fax: 0086 851- 3799687
Email: info@lvinyinbio.com

11 Toxicological Information

Eye effects : None
Carcinogenicity : None.

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. State and local disposal regulations may differ from federal disposal regulations. Dispose of Disodium phosphate container and unused contents in accordance with federal, state and local requirements.

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.