



## MATERIAL SAFETY DATA SHEET

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Sod Phosphate Monobas Fc 3kg 76916

### SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**MSDS Name:** Sod Phosphate Monobas Fc 3kg

**Catalog Numbers:**

S040

**Synonyms:**

Sodium dihydrogen phosphate dihydrate

**Company Identification:**

LEONID CHEMICALS

62/A-2 2nd Stage, Industrial Suburb

Yeshwanthpur, Bangalore -22, INDIA

Ph- +91-80-23378354

### SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

CAS#	:	13472-35-0
Chemical Name	:	Sod Phosphate Monobas Fc 3kg
%	:	
EINECS#	:	unlisted
Haz Symbols	:	None Listed
Risk Phrases	:	None Listed

### SECTION 3 - HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

Not available.

#### Potential Health Effects

The toxicological properties of this material have not been investigated. Use appropriate procedures to prevent opportunities for direct contact with the skin or eyes and to prevent inhalation.

### SECTION 4 - FIRST AID MEASURES

#### Eyes:

Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.

#### Skin:

Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

#### Ingestion:

Do NOT induce vomiting. If conscious and alert, rinse mouth and



drink 2-4 cupfuls of milk or water.  
Inhalation:  
Remove from exposure and move to fresh air immediately.  
Notes to Physician:

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## SECTION 5 - FIRE FIGHTING MEASURES

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General Information:  
As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.  
Extinguishing Media:  
Not available.

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## SECTION 6 - ACCIDENTAL RELEASE MEASURES

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General Information: Use proper personal protective equipment as indicated in Section 8.  
Spills/Leaks:  
Sweep up, then place into a suitable container for disposal.

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## SECTION 7 - HANDLING and STORAGE

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Handling:  
Not available.  
Storage:  
Not available.

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## SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

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Engineering Controls:  
Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.  
Personal Protective Equipment

Eyes:  
Wear safety glasses and chemical goggles if splashing is possible.

Skin:  
Wear appropriate protective gloves and clothing to prevent skin exposure.

Clothing:  
Wear appropriate protective clothing to minimize contact with skin.

Respirators:  
Wear a NIOSH/MSHA or European Standard EN 149 approved full-facepiece airline respirator in the positive pressure mode with emergency escape

provisions.

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## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

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Physical State: Powder  
Color: white  
Odor: Not available.  
pH: 4.5 @ 0.1M solution  
Vapor Pressure: Negligible  
Viscosity: Not available.  
Boiling Point: Not available.  
Freezing/Melting Point: 437 deg F  
Autoignition Temperature: Not applicable.  
Flash Point: Not applicable.  
Explosion Limits, lower: Not available.  
Explosion Limits, upper: Not available.  
Decomposition Temperature: 437 deg F  
Solubility in water: Soluble in water.  
Specific Gravity/Density: approximately 2.0  
Molecular Formula:  $H_2NaO_4P \cdot 2H_2O$   
Molecular Weight: 156.002

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## SECTION 10 - STABILITY AND REACTIVITY

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Chemical Stability:  
Stable under normal temperatures and pressures.  
Conditions to Avoid:  
Not available.  
Incompatibilities with Other Materials:  
Not available.  
Hazardous Decomposition Products:  
Not available.  
Hazardous Polymerization: Has not been reported.

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## SECTION 11 - TOXICOLOGICAL INFORMATION

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RTECS#:  
CAS# 13472-35-0: WA1900500  
LD50/LC50:  
Not available.  
Carcinogenicity:  
Sod Phosphate Monobas Fc 3kg -  
Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.  
See actual entry in RTECS for complete information.

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## SECTION 12 - ECOLOGICAL INFORMATION

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## SECTION 13 - DISPOSAL CONSIDERATIONS

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Products which are considered hazardous for supply are classified as Special Waste and the disposal of such chemicals is covered by regulations which may vary according to location. Contact a specialist disposal company or the local waste regulator for advice. Empty containers must be decontaminated before returning for recycling.

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## SECTION 14 - TRANSPORT INFORMATION

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### IATA

Shipping Name: Not regulated.

Hazard Class:

UN Number:

Packing Group:

### IMO

Shipping Name: Not regulated.

Hazard Class:

UN Number:

Packing Group:

### RID/ADR

Shipping Name: Not regulated.

Hazard Class:

UN Number:

Packing group:

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## SECTION 15 - REGULATORY INFORMATION

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### European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: Not available.

Risk Phrases:

Safety Phrases:

WGK (Water Danger/Protection)

CAS# 13472-35-0: 1

United Kingdom Occupational Exposure Limits

United Kingdom Maximum Exposure Limits

### Canada

None of the chemicals in this product are listed on the DSL/NDSL list.

CAS# 13472-35-0 is not listed on Canada's Ingredient Disclosure List.

### Exposure Limits

### US FEDERAL

#### TSCA

CAS# 13472-35-0 is not listed on the TSCA inventory.

It is for research and development use only.

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**SECTION 16 - ADDITIONAL INFORMATION**

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MSDS Creation Date: 2/18/1995 Revision #0 Date: Original.

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