



HI-VALLEY CHEMICAL
LABORATORY PRODUCTS

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SAFETY DATA SHEET

Hi Valley Chemical

Monosodium Phosphate, Anhydrous

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Monosodium Phosphate, Anhydrous
Synonyms: Sodium Phosphate monobasic, MSP
SDS Number: R-097
Revision Date: 8/17/2016
Version: 1
CAS Number: 7558-80-7
Chemical Formula: NaH₂PO₄
Supplier Details: High Valley Products, Inc.
 1134 West 850 North
 Centerville, Utah 84014
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2 HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

No GHS Classifications Indicated

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **NONE**

no GHS pictograms indicated for this product

GHS Hazard Statements:

no GHS hazards statements indicated

GHS Precautionary Statements:

no GHS precautionary statements indicated

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas#	%	Chemical Name
7558-80-7	100%	Monosodium Phosphate

4 FIRST AID MEASURES

Inhalation: If inhaled, move person to fresh air. If not breathing, give artificial respiration. Consult a physician.
Skin Contact: Promptly flush skin with soap water until all chemical is removed. If irritation occurs: get medical attention.
Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation.
Ingestion: Do not induce vomiting unless instructed to do so by a physician. If victim is conscious and alert, give 2-3 glasses of water to drink. Seek immediate medical attention. Do not leave victim unattended. To prevent aspiration of swallowed product, lay victim on side with head lower than waist. Vomiting may occur spontaneously. If vomiting occurs and the victim is conscious, give water to further dilute the chemical.

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FIRE FIGHTING MEASURES

Extinguishing media
 Suitable extinguishing media
 Not combustible. Use extinguishing media suitable for surrounding fire.

Special hazards arising from the substance or mixture
 No data available

Advice for firefighters
 Wear self-contained breathing apparatus for firefighting if necessary.

Further information
 No data

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ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Wear respiratory protection. Avoid dust formation. Avoid breathing dust, vapours, mist or gas. Ensure adequate ventilation.

Environmental precautions:

Do not let product enter drains.

Methods and materials for containment and cleaning up:

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

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HANDLING AND STORAGE

Handling Precautions: Avoid breathing vapors or mist.
 Avoid contact with eyes, skin, or clothing.

Storage Requirements: Store in cool/dry area. Keep container tightly closed.

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EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values.

Personal Protective Equipment: Respiratory: For limited exposure use an N95 dust mask. For prolonged exposure use an airpurifying respirator with high efficiency particulate air (HEPA) filters. Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or symptoms are experienced.
 Eye/Face: Wear safety glasses.
 Skin/Body: Wear appropriate gloves.
 General Industrial Hygiene
 Considerations: Do not use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored. Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.

Exposure Guidelines

No data available.

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PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Crystalline
Physical State: Solid

Odor:	None
Odor Threshold:	No data available
Solubility:	No data available
Spec Grav./Density:	No data available
Viscosity:	No data available
Boiling Point:	No data available
Freezing/Melting Pt.:	No data available
Flash Point:	No data available
Partition Coefficient:	No data available
Vapor Pressure:	No data available
Vapor Density:	No data available
pH:	4.5
Evap. Rate:	No data available
Auto-Ignition Temp:	No data available
Decomp Temp:	No data available
UFL/LFL:	No data available

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STABILITY AND REACTIVITY

Reactivity:	No dangerous reaction under normal conditions.
Chemical Stability:	Stable under recommended storage conditions.
Conditions to Avoid:	Avoid moisture
Materials to Avoid:	None known
Hazardous Decomposition:	Oxides of phosphorus. Oxides of Sodium.

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TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity

no data available

Inhalation: no data available

Dermal: no data available

Skin corrosion/irritation

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitisation

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity

no data available

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

no data available

Aspiration hazard

no data available

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ECOLOGICAL INFORMATION

Toxicity

no data available

Persistence and degradability

no data available

Bioaccumulative potential

no data available

Mobility in soil

no data available

Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects

no data available

13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.

14 TRANSPORT INFORMATION

Non DOT regulated

15 REGULATORY INFORMATION

Component (CAS#) [%] - CODES

Phosphoric acid, monosodium salt (7558-80-7) [100%] TSCA

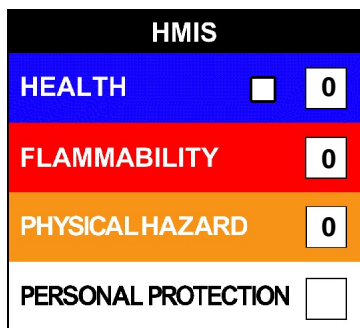
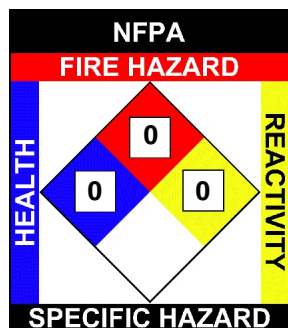
Regulatory CODE Descriptions

TSCA = Toxic Substances Control Act

16 OTHER INFORMATION

NFPA: Health = 0, Fire = 0, Reactivity = 0, Specific Hazard = n/a

HMIS III: Health = 0, Fire = 0, Physical Hazard = 0



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