



HI-VALLEY CHEMICAL

LABORATORY PRODUCTS

1134 W. 850 N. CENTERVILLE, UT 84014
(801) 295-9591 Fax (801) 295-9448
www.hvchemical.com

Sodium Hexametaphosphate

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Sodium Hexametaphosphate
SDS Number: R-152
Revision Date: 9/17/2019
Version: 1

Supplier Details: High Valley Products, Inc.
1134 West 850 North
Centerville, Utah 84014

Phone: 801-295-9591
Email: sales@hvchemical.com
Internet: www.hvchemical.com
Emergency: PERS: 800-633-8253

2 HAZARDS IDENTIFICATION

Classification of Substance

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):
No GHS Classifications Indicated

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: NONE

GHS Hazard Pictograms:

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

Chemical Ingredients		
CAS#	%	Chemical Name
10124-56-8	>99%	Sodium Hexametaphosphate

4 FIRST AID MEASURES

Inhalation: If inhaled, move person to fresh air. If not breathing, give artificial respiration. Consult a physician.

Skin Contact: Wash with soap and water. Consult a physician.

Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation.

Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5 FIRE FIGHTING MEASURES

Extinguishing media
Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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

6 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.

7 HANDLING AND STORAGE

Handling Precautions: Avoid contact with eyes, skin, or clothing. Avoid formation of dust and aerosols
Storage Requirements: Keep container tightly closed. Store in cool/dry/well ventilated area.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment: Eye/face Protection: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
Skin and body protection: Wear appropriate protective gloves and clothing to prevent skin exposure.
Respiratory Protection No protective equipment is needed under normal use conditions. Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

This product does not contain any hazardous materials with occupational exposure limits.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White	Odor:	Odorless
Physical State:	Cystraline	Solubility:	soluble
Odor Threshold:		Freezing or Melting Point:	600 - 640 °C / 1112 - 1184 °F
Particle Size:	No data available	Flash Point:	
Specific Gravity or Density:	No data available	Vapor Density:	
Viscosity:		Volatile organic compound:	No data available
Boiling Point:	No data available	Autoignition Temperature:	
Partition Coefficient:	No data available	Upper Flammability Limit and Lower Flammability Limit:	No data available
Vapor Pressure:	No data available		
Potentia Hydrogenii:	No data available		
Evaporation Rate:			
Decompression	No data available		

Temperature:

10

STABILITY AND REACTIVITY

Reactivity:	No data available
Chemical Stability:	Stable under recommended storage conditions.
Conditions to Avoid Identification:	Incompatible products. Excessive heat.
Materials to Avoid Identification:	No data available.
Hazardous Decomposition:	No data available

11

TOXICOLOGICAL INFORMATION

Acute toxicity
LD50 Oral - Rat - 6,600 mg/kg
LD50 Oral - Rat - 3,053 mg/kg
Remarks: Gastrointestinal:Ulceration or bleeding from stomach. Gastrointestinal:Ulceration or bleeding from duodenum. Gastrointestinal:Ulceration or bleeding from small intestine.
Inhalation: No data available
LD50 Dermal - Rabbit - > 7,940 mg/kg
No data available
Skin corrosion/irritation
Skin - Rabbit
Result: No skin irritation - 24 h
Serious eye damage/eye irritation
Eyes - Rabbit
Result: Mild eye irritation
Respiratory or skin sensitisation
No data available
Germ cell mutagenicity
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 on OSHA's list of regulated carcinogens.
Reproductive toxicity
No data available
No data available
Specific target organ toxicity - single exposure
Specific target organ toxicity - repeated exposure
Aspiration hazard
Additional Information
RTECS: TR4950250

12

ECOLOGICAL INFORMATION

Toxicity: No data available
Persistence and degradability: No data available
Bioaccumulative potential
 Mobility in soil
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

Component (CAS#) [%] - CODES

Metaphosphoric acid (H6P6O18), hexasodium salt (10124-56-8) [>99%] TSCA

Regulatory CODE Descriptions

TSCA = Toxic Substances Control Act

Disclaimer:

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).

Revision Date: 9/17/2019