

SAFETY DATA SHEET

SODIUM HEXAMETAPHOSPHATE PWD

1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: Sodium Hexametaphosphate Pwd
 CAS Number: 10361-03-2
 10124-56-8
 68915-31-1
 EC number: 272-808-3
 Application: Water processing, Washing agent and detergent, Textile and leather agent, Ceramic, Enamel, Colors, Food additive.
 Company: Kraft Chemical Company
 Melrose Park, IL 60160
 Phone: 708-345-5200
 Fax: 708-345-4005
 Emergency: Chemtrec: 800-424-9300

2. HAZARD(S) IDENTIFICATION

Classification of the substance or mixture

The substance is not classified according to the Globally Harmonized System (GHS).

Label Elements.

GHS Label Elements: Void
 Hazard Pictograms: Void
 Signal Word: Void
 Hazard Statements: Void

Classification System:



· *HMIS-ratings (scale 0 - 4)*



- *Other hazards*
- *Results of PBT and vPvB assessment*
- *PBT: Not applicable.*



· *vPvB: Not applicable.*

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization: Substances
CAS No. Description: 68915-31-1 Sodium Hexametaphosphate
or
10124-56-8 Sodium Hexametaphosphate
Identification Number(s): EC number: 272-808-3

4. FIRST-AID MEASURES

Description of first aid measures

After Inhalation: In case of unconsciousness place patient stably in side position for transportation.
After Skin Contact: Rinse with water.
After Eye Contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
After Swallowing: If symptoms persist consult doctor.

Most important symptoms and effects, both acute and delayed

No further relevant information available.

Indication of Any Immediate Medical Attention and Special Treatment Needed

No further relevant information available.

5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Agents:

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Special Hazards Arising From

The Substance or Mixture: No further relevant information available.

Advice for Firefighters:

Protective equipment: No special measures required.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Not required.

Environmental Precautions: Do not allow product to reach sewage system or any water course.

Containment/ Clean Up: Pick up mechanically.

Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7. HANDLING AND STORAGE

Precautions for Safe



Handling: Ensure good ventilation/exhaustion at the workplace.

Information About Protection Against Explosions and Fires: No special measures required.

Conditions for Safe Storage Including Any Incompatibilities: Storage: Requirements to be met by Storerooms and Receptacles: Store in cool, dry conditions and well ventilated area.

Further information about Storage Conditions: Keep receptacle tightly sealed.

Specific End Use(s): No further relevant information available.

8. EXPSURE CONTROLS/PERSONAL PROTECTION

Additional Information About Design of Technical systems: No further data; see item 7.

Control Parameters Components with Limit Values That Require Monitoring at the Workplace: Not required.

Additional Information: The lists that were valid during the creation were used as basis.

Exposure controls

Personal Protective Equipment: General protective and hygienic measures:
Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.

Breathing Equipment: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

Protection of Hands



Protective gloves

Material of Gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Penetration Time of Glove Material: The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye Protection: Tightly sealed goggles





Tightly sealed goggles

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form:	Powder
Color:	White
Odor:	Odorless
Odor threshold:	Not determined.

pH-value (10 g/l) at 20 °C
(68 °F): 5.0 - 7.0

Change in Condition

Melting point/Melting range:	>600 °C (>1112 °F)
Boiling point/Boiling range:	Undetermined.
Flash point:	Not applicable.
Flammability	
(solid, gaseous):	Not applicable.
Ignition Temperature:	
Decomposition Temperature:	Not determined.
Auto Igniting:	Not determined.
Danger of Explosion:	Product does not present an explosion hazard.
Explosion Limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapor Pressure:	Not determined.
Density at 20 °C (68 °F):	1.2 g/cm ³ (10.014 lbs/gal)
Relative Density:	Not determined.
Vapour Density:	Not determined.
Evaporation Rate:	Not applicable.
Solubility in / Miscibility with	
Water:	Soluble.
Partition Coefficient	
(n-octanol/water):	Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
Other Information:	No further relevant information available.

10. STABILITY AND REACTIVITY

Reactivity

Chemical Stability

Thermal Decomposition /

Conditions to Be Avoided: No decomposition if used according to specifications.

Possibility of Hazardous



Reactions: No dangerous reactions known.
Conditions to Avoid: No further relevant information available.
Incompatible Materials: No further relevant information available.
Hazardous Decomposition
Products: Phosphorus oxides (e.g. P₂O₅)
Sodium oxide (Na₂O)

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute Toxicity:

Primary Irritant Effect:

On the Skin: No irritant effects.

On the Eye: Irritating effect.

Sensitization: No sensitizing effects known.

Additional Toxicological
Information:

Carcinogenic categories:

IARC (International Agency for Research on Cancer) Substance is not listed.

NTP (National Toxicology Program) Substance is not listed.

OSHA-Ca (Occupational Safety & Health Administration)

Substance is not listed.

12. ECOLOGICAL INFORMATION

Toxicity

Aquatic Toxicity: No further relevant information available.

Persistence and

Degradability: No further relevant information available.

Bioaccumulative Potential: No further relevant information available.

Mobility in Soil: No further relevant information available.

Results of PBT and

vPvB Assessment:

PBT: Not applicable.

vPvB: Not applicable.

Other Adverse Effects: No further relevant information available.

13. DISPOSAL CONSIDERATION (non-mandatory)

Waste Treatment Methods

Recommendation: Smaller quantities can be disposed of with household waste.

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION (non-mandatory)

UN-Number

DOT, ADR, ADN, IMDG,

IATA: Void



UN Proper Shipping Name

DOT, ADR, ADN, IMDG,

IATA: Void

Transport Hazard Class(es)

DOT, ADR, ADN, IMDG, IATA

Class: Not restricted for transport

Packing Group

DOT, ADR, IMDG, IATA: Void

Environmental Hazards:

Marine pollutant: No

Special Precautions for Use: Not applicable.

Transport in Bulk According
to Annex II of MARPOL 73/78
and the IBC Code:

Not regulated for transport.

15. REGULATORY INFORMATION (non-mandatory)

Safety, health and environmental regulations/legislation specific for the substance or mixture
Sara

Section 355 (extremely hazardous substances): Substance is not listed.

Section 313 (Specific toxic chemical listings): Substance is not listed.

TSCA (Toxic Substances Control Act): Substance is listed.

Proposition 65

Chemicals known to cause cancer: Substance is not listed.

Chemicals known to cause reproductive toxicity for females: Substance is not listed.

Chemicals known to cause reproductive toxicity for males: Substance is not listed.

Chemicals known to cause developmental toxicity: Substance is not listed.

Carcinogenic Categories

EPA (Environmental Protection Agency) Substance is not listed.

TLV (Threshold Limit Value established by ACGIH) Substance is not listed.

NIOSH-Ca (National Institute for Occupational Safety and Health) Substance is not listed.

GHS label elements Void

Hazard pictograms Void

Signal word Void

Hazard statements Void

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16. OTHER INFORMATION

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