

Safety Data Sheet

Product No. 19545 Sodium Phosphate, Dibasic

Issue Date (06-02-15)

Review Date (11-6-15)

Section 1: Product and Company Identification

Product Name: Sodium Phosphate, Dibasic

Synonym: Disodium Orthophosphate Heptahydrate

Company Name

Ted Pella, Inc., P.O. Box 492477, Redding, CA 96049-2477

Domestic Phone (800) 237-3526 (Mon-Thu. 6:00AM to 4:30PM PST; Fri 6:00AM to 4:00PM PST)

International Phone (01) (530) 243-2200 (Mon-Thu. 6:00AM to 4:30PM PST; Fri 6:00AM to 4:00PM PST)

Chemtrec Emergency Number 1-800-424-9300 24 hrs a day.

Section 2: Hazard Identification

2.1 Classification of the substance or mixture

GHS Pictograms



GHS07

GHS Categories

GHS07	Irritant	
	Skin Irrit. 2	H315: Causes skin irritation
	Eye Irrit. 2	H319: Causes serious eye irritation
	STOT SE 3	H335: May cause respiratory irritation

2.2 Label elements

Hazard pictograms



GHS07

Signal Word: WARNING

Hazard-determining components of labeling:

Disodium Orthophosphate Heptahydrate

Hazard Statements:

H315 Causes skin irritation.
H319 Causes serious eye irritation
H335 May cause respiratory irritation.

Precautionary Statements:

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321 Specific treatment (see on this label).
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards**Classification according to Directive 67/548/EEC or Directive 1999/45/EC**

Label: Xi; Irritant

Health Effects:

NFPA Hazard Rating: Health: 1; Fire: 0; Reactivity: 0
HMIS® Hazard Rating: Health: 1; Fire: 0; Reactivity: 0
(0=least, 1=Slight, 2=Moderate, 3=High, 4=Extreme)

Results of PBT and vPvB assessment: A Chemical Safety Assessment has not been carried out.

PBT: Not applicable

vPvB: Not applicable

Emergency Overview

Appearance: Granulate, white

Immediate effects: ND

Potential health effects

Primary Routes of entry: Inhalation, eye, and skin contact.

Signs and Symptoms of Overexposure: ND

Eyes: Eye Irritant

Skin: Skin Irritant

Ingestion: ND

Inhalation: May cause respiratory irritation

Chronic Exposure: ND

Chemical Listed as Carcinogen or Potential Carcinogen: No

See Toxicological Information (Section 11)

Potential environmental effects
See Ecological Information (Section 12)

Section 3: Composition / Information on Ingredients

Principle Hazardous Component(s) (chemical and common name(s)) (Cas. No)	%	OSHA PEL mg/m3	ACGIH TLV mg/m3	NTP Carcinogen	IARC Carcinogen	OSHA regulated Carcinogen
Disodium Othrophosphate Heptahydrate (7782-85-6)	~100	NE	NE	No	No	No

Section 4: First Aid Measures

If accidental overexposure is suspected

Eye(s) Contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
Skin Contact: Immediately wash with water and soap and rinse thoroughly.
Inhalation: In case of unconsciousness place patient stably in side position for transportation.
Ingestion: If symptoms persist consult doctor.

Note to physician

Treatment: ND

Medical Conditions generally Aggravated by Exposure: ND

Section 5: Fire Fighting Measures

Flash Point: NA

Flammable Limits: Product is not flammable.

Auto-ignition point: ND

Fire Extinguishing Media: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Special Fire Fighting Procedures: No special measures required.

Unusual Fire and Explosion Hazards: Product does not present an explosion hazard.

Hazardous combustion products: ND

DOT Class: None

Section 6: Accidental Release Measures

Steps to be taken in case material is released or spilled:

Personal precautions, protective equipment and emergency procedures: Not required.

Environmental precautions: Do not allow to enter sewers/surface or ground water.

Methods and material for containment and cleaning up: Ensure adequate ventilation.

Waste Disposal Methods: Dispose of waste according to Federal, State and Local Regulations.

Section 7: Handling and Storage

Precautions to be taken in Handling and Storage: Keep tightly sealed.

Storage temperature: ND

Storage Pressure: NA

Section 8: Exposure Controls / Personal Protection

Engineering Controls

Ventilation required: ND

Personal Protection Equipment

General: Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

Respiratory protection: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Skin protection: Protective gloves.

Eye protection: Tightly-sealed goggles.

Additional clothing and/or equipment: ND

Exposure Guidelines

See Composition/Information on Ingredients (Section 3)

Section 9 Physical and Chemical Properties

Appearance and Physical State: White powder

Odor (threshold): Odorless (ND)

Specific Gravity (H₂O=1): 1.679 g/cm³

Vapor Pressure (mm Hg): NA

Vapor Density (air=1): NA

Percent Volatile by volume: ND

Evaporation Rate (butyl acetate=1): NA

Boiling Point: ND

Melting point: 48° C

pH: NA

Solubility in Water: Insoluble

Molecular Weight: ND

Section 10: Stability and Reactivity

Stability: ND

Conditions to Avoid: ND

Possibility of hazardous reactions: No dangerous reactions known.

Materials to Avoid (Incompatibility): ND

Hazardous Decomposition Products: No dangerous decomposition products known.

Hazardous Polymerization: ND

Section 11: Toxicological Information

Results of component toxicity test performed: ND

Human experience: ND

Primary irritant effect:

On the skin: Irritant to skin and mucous membranes.

On the eye: Irritating effect.

Sensitization: No sensitizing effects known.

This product **does not** contain any compounds listed by NTP or IARC or regulated by OSHA as a carcinogen.

Section 12: Ecological Information

Toxicity:

Aquatic toxicity: ND

Persistence and degradability: ND

Behavior in environmental systems:

Bio accumulative potential: ND

Mobility in soil: ND

Additional ecological information: Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Chemical Fate Information: ND

Section 13 Disposal Considerations

RCRA 40 CFR 261 Classification: ND

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Federal, State and local laws governing disposal of materials can differ. Ensure proper disposal compliance with proper authorities before disposal.

Section 14: Transportation Information

US DOT Information: Proper shipping name: Not regulated.

IATA: Proper shipping name: Not regulated.

IMO: Proper shipping name: Not regulated.

Marine Pollutant: No

Canadian TDG: Not regulated.

Section 15: Regulatory Information

United States Federal Regulations

SDS complies with OSHA's Hazard Communication Rule 29, CFR 1910.1200.

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

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

RCRA: ND

TSCA: Substance is not listed.

CERCLA: ND

State Regulations

California Proposition 65: 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.

OSHA-Ca (Occupational Safety & Health Administration): Substance is not listed.

International Regulations

Canada WHMIS: ND

Europe EINECS Numbers: ND

Section 16: Other Information

Label Information: Irritant

European Risk and Safety Phrases: See Section 2

European symbols needed: X, Irritant

Canadian WHMIS Symbols: ND

Abbreviations used in this document

NE= Not established

NA= Not applicable

NIF= No Information Found

ND= No Data

Disclaimer

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