

**Safety Data Sheet**

**Product No. 19545 Sodium Phosphate, Dibasic**

**Issue Date (12-31-13)**

**Review Date (04-03-15)**

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**Section 1: Product and Company Identification**

**Product Name: Sodium Phosphate, Dibasic**

Synonym:

**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.**

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**Section 2: Hazard Identification**

GHS Pictograms:



GHS Categories:

GHS07: Irritant

**Signal Word: WARNING**

**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.

**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**

<b>Principle Hazardous Component(s) (chemical and common name(s)) (Cas. No)</b>	<b>%</b>	<b>OSHA PEL mg/m<sup>3</sup></b>	<b>ACGIH TLV mg/m<sup>3</sup></b>	<b>NTP Carcinogen</b>	<b>IARC Carcinogen</b>	<b>OSHA regulated Carcinogen</b>
Sodium Phosphate, Dibasic (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

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**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

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**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.

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**Section 7: Handling and Storage**

Precautions to be taken in Handling and Storage: No special precautions are necessary if used correctly.

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: Keep container tightly sealed.

Storage temperature: ND

Storage Pressure: NA

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**Section 8: Exposure Controls / Personal Protection**

**Engineering Controls**

Ventilation required:

**Personal Protection Equipment**

General protective and hygienic measures: 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.

Protective gloves: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. 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. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Skin protection: Protective gloves

Eye protection: Tightly sealed goggles

Additional clothing and/or equipment: ND

### **Exposure Guidelines**

See Composition/Information on Ingredients (Section 3)

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### **Section 9 Physical and Chemical Properties**

Appearance and Physical State: Granulate, White

Odor (threshold): Characteristic: (ND)

Specific Gravity (H<sub>2</sub>O=1): 1.679 g/cm<sup>3</sup>

Vapor Pressure (mm Hg): Not applicable

Vapor Density (air=1): Not applicable

Percent Volatile by volume: ND

Evaporation Rate (butyl acetate=1): Not applicable

Boiling Point: ND

Freezing point / melting point: 48° C

pH: Not applicable

Solubility in Water: Insoluble

Molecular Weight: ND

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### **Section 10: Stability and Reactivity**

Stability: ND

Conditions to Avoid: No further relevant information available.

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

Possibility of hazardous reactions: No dangerous reactions known.

Materials to Avoid (Incompatibility): No further relevant information available.

Hazardous Decomposition Products: No dangerous decomposition products known.

Hazardous Polymerization: ND

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### **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.

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## **Section 12: Ecological Information**

Ecological Information:

Aquatic toxicity: No further relevant information available.

Persistence and degradability: No further relevant information available.

Behavior in environmental systems:

Bio accumulative potential: No further relevant information available.

Mobility in soil: No further relevant information available.

Additional ecological information:

General notes: 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

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## **Section 13 Disposal Considerations**

RCRA 40 CFR 261 Classification: None listed

Waste treatment methods:

Recommendation: 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.

Uncleaned packaging: Recommendation: Disposal must be made according to official regulations.

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## **Section 14: Transportation Information**

US DOT Information: Proper shipping name: Sodium Phosphate, Dibasic, not regulated

IATA: Proper shipping name: Sodium Phosphate, Dibasic, not regulated

IMO: Proper shipping name: Sodium Phosphate, Dibasic, not regulated

Marine Pollutant: No

Canadian TDG: Sodium Phosphate, Dibasic, not regulated

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## **Section 15: Regulatory Information**

### **United States Federal Regulations**

MSDS 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:

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.

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

### **International Regulations**

Canada WHMIS: ND

Europe EINECS Numbers: ND

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### **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

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### **Disclaimer**

Ted Pella, Inc. makes no warranty of any kind regarding the information furnished herein. Users should independently determine the suitability and completeness of information from all sources. While this data is presented in good faith and believed to be accurate, it should be considered only as a supplement to other information gathered by the user. It is the User's responsibility to assure the proper use and disposal of these materials as well as the safety and health of all personnel who may work with or otherwise come in contact with these materials.