



Safety Data Sheet

Sodium Phytate

Complies with 29 CFR 1910.1200

Section 1: Company and Product Identification

Product Name: Sodium Phytate

INCI Name: Sodium Phytate

Material Uses: Active ingredient in cosmetic and personal care applications.

Restrictions on Use: Repackaged for cosmetic use only

Company: Lotioncrafter LLC
48 Hope Ln
Eastsound, WA 98245
PH: 1-360-376-8008

Emergency Response: In USA, Canada and North America, 24 hour / 7 day emergency information for our product is provided by the CHEMTREC Emergency Call Center based in the USA.

USA, Canada, Puerto Rico, Virgin Islands CALL +1 800-424-9300
In case of difficulties or for ships at sea CALL +1 703-527-3887
In Europe, Middle East, Africa, Asia Pacific, South America CALL +1 703-527-3887

Section 2: Hazards Identification

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Hazard Pictograms:



Signal Word:

Warning

Hazard Classification:

Combustible Dust. Acute Toxicity (oral) Category 4

Hazard Statements:

May form combustible dust concentrations in air.
H302 - Harmful if swallowed.

Precautionary Statements:

P264 - Wash hands, forearms and face thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P301+P312 - If swallowed: Call a poison center or doctor if you feel unwell.
P330 - Rinse mouth.
P501 - Dispose of contents or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Other Hazards:

None



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Section 3: Composition / Information on Ingredients

Name	Hazard Category	CAS#	Weight %
Sodium Phytate	Category 4; H302	14306-25-3	100%

Additional Information: For full text of H-statements and R-phrases: see SECTION 16

Section 4: First Aid Measures

If ingested: Rinse mouth. Call a poison center or a doctor if you feel unwell.

If inhaled: Move the affected person to fresh air. Get medical attention if symptoms occur.

Eye contact: Rinse eyes with water as a precaution. Get medical attention if irritation develops and persists.

Skin contact: Gently wash with plenty of soap and water. Get medical advice if skin irritation persists.

Section 5: Fire Fighting Measures

General Info: Flash Point: > 65 °C (149 °F).

Extinguishing Method /

Equipment: Carbon dioxide (CO₂), dry chemical, foam, halon, water spray (fog). Firefighters should wear self-contained breathing apparatus (SCBA) and full protective equipment. Do not use direct or heavy water stream to fight fire as it may splash burning liquid.

Hazardous Decomposition Info: None known

Section 6: Accidental Release Measures

Personal precautions, protective

equipment and procedures: Wear suitable protective clothing. Avoid contact with eyes, skin and clothing. Dust deposits should not be allowed to accumulate on surfaces, as these may for an explosive mixture if they are released into the atmosphere in sufficient concentration.

Environmental Precautions: Non-hazardous, but avoid direct releases to the environment.

Containment Equipment and

Cleanup Procedures: Mechanically recover the product. Carefully shovel or sweep up spilled material and place in suitable container. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Use non-sparking tools. Place in a suitable container for disposal in accordance with waste regulations.



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Section 7: Handling and Storage

Safe Handling Precautions: Avoid contact with eyes, skin and clothing. Wash hands with water and soap. Ensure adequate ventilation. Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. Minimize dust generation and accumulation. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Dry powders can build static electricity charges when subjected to the friction of transfer and mixing operations. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres.

Recommendations for Storage: Store in a dry, well-ventilated area. When not in use, keep containers tightly closed.

Specific End Use(s): Active ingredient in cosmetic and personal care applications.

Section 8: Exposure Control / Personal Protection

Control Parameters: None established.

General / Engineering

Controls: Ensure adequate ventilation. It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling this product contain explosion relief vents or an explosion suppression system or an oxygen deficient environment. Ensure that dust handling systems (such as exhaust ducts, dust collectors, vessels and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e. there is no leakage from the equipment). Use only appropriately classified electrical equipment and powered industrial trucks.

Eye/face protection: Use suitable eye protection. Chemical goggles with side splash protection.

Hand Protection: Wear suitable gloves.

Body Protection: Wear suitable protective clothing.

Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment. In operations where exposure limits are exceeded or exposure levels are excessive, an approved respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

Thermal Hazards: None required under normal conditions of use

Other: Observe good chemical hygiene practices, washing exposed areas of the skin several times daily. Launder contaminated clothing before re-use.



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Section 9: Physical and Chemical Properties

Physical State: Solid
Appearance: Crystalline
Color: White
Odor: Odorless
Odor Threshold: No data available
pH: No data available
Melting Point: No data available
Freezing Point: Not applicable
Boiling Point: No data available
Flash Point (COC): > 65 °C (149 °F)
Auto-ignition Temperature: Not applicable
Decomposition Temperature: 71.27 °C
Evaporation Rate: No data available
Vapor Pressure: No data available
Explosive Limits: Not applicable
Vapor Density: No data available
Specific Gravity: 2.04
Molecular Mass: 681.01 g/mol
Water Solubility: 1190 g/l
Viscosity (cP): No data available
Explosion Properties: No data available
Oxidizing Properties: None
Partition coefficient: Not available

Other information: Log Pow: < 0.3

Section 10: Stability and Reactivity

Reactivity: The product is non-reactive under normal conditions of use, storage and transport.

Chemical Stability: Stable under normal conditions.

Possibility of Hazardous

Reactions: No dangerous reactions known under normal conditions of use.

Conditions to Avoid: None known. Avoid dust formation. Heat. No flames, no sparks. Eliminate all sources of ignition.

Incompatible Materials: None known.

Hazardous Decomposition

Products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.



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Section 11: Toxicological Information

Inhalation: May cause irritation to the respiratory tract.

Skin: May cause skin irritation.

Eyes: May cause eye irritation.

Ingestion: Harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic Symptoms: Not known.

Carcinogenicity: Not classified. Sodium Phytate is not listed as a carcinogen or suspected carcinogen by IARC, NTP, ACGIH, OSHA or the EU CLP.

Germ Cell Mutagenicity: Not classified.

Reproductive Toxicity: Not classified.

Acute Toxicity Estimate: ATE US (oral): 1030 mg/kg body weight.

Skin Corrosion/Irritation: Not classified.

Serious Eye Damage/Irritation: Not classified.

Respiratory or Skin

Sensitization: Not classified.

STOT - Single Exposure: Not classified.

STOT - Repeated Exposure: Not classified.

Section 12: Ecological Information

General Info: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Ecotoxicity: > 0.294 mg/L Daphnia EC50; 28.13 mg/L Algae ErC50.

Persistence and

Biodegradability: Readily Biodegradable.

Bioaccumulative Potential: LOG POW: < 0.3

Mobility in Soil: No data available.

Other Adverse Effects: No data available.



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Section 13: Disposal Information

Product disposal: Dispose of product in accordance with local, regional, and national regulations.

Container disposal: Dispose of container in accordance with licensed collector's sorting instructions.

Other considerations: No further information.

Section 14: Transport Information

	US DOT	EU Land Transport (ADR/RID/AND)	Sea Transport (IMDG)	Air Transport (ICAO/IATA)
UN Number:	Not regulated	Not regulated	Not regulated	Not regulated
UN Proper Shipping Name:	Not regulated	Not regulated	Not regulated	Not regulated
Transport Hazard Class(es):	Not applicable	Not applicable	Not applicable	Not applicable
Packing Group:	Not applicable	Not applicable	Not applicable	Not applicable
Environmental Hazards:	Not applicable	Not applicable	Not applicable	Not applicable
Special Precautions for User:	None	None	None	None
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:	Not applicable	Not applicable	Not applicable	Not applicable

Section 15: Regulatory Information

SARA Section 313 - Emission

Reporting: Not subject to reporting requirements of the United States SARA Section 313.

CERCLA Section 103: This product is not subject to reporting under CERCLA. However, many states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

SARA 302: Not applicable.

SARA 311/312 Hazard Classes: Refer to Section 2 for OSHA Hazard Classification.

California Proposition 65: This product does not contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

TSCA: All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.



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Section 16: Other Information

Indication of Changes: Version 1.0 created July 20, 2021

HMIS Rating: Health: 2
Flammability: 1
Physical: 0

List of Relevant R-phrases
(number and full text): Not applicable

Legal Disclaimer: Since the user's working conditions are not known to us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

Lotioncrafter provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

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