Sodium Phytate

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / March 26, 2012 / Rules and Regulation

Revision Date: 04-Nov-2026
Supersedes: 28-Nov-2025

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Sodium Phytate
Synonyms: No data available
INCI Name: Sodium Phytate (and) Water
CAS Number: 14306-25-3, 7732-18-5
Formula: No data available
Product Form: Solid
Product Use: Cosmetic use

Distributor: MakingCosmetics Inc.
Address: 10800 231st Way NE
Redmond, WA 98053 (USA)
Phone / Fax: 425-292-9502 / 425-292-9601
Web: **www.makingcosmetics.com**

Emergency Telephone Number: 1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

Classification: Combustible – Category 2
Labeling: Not a dangerous substance according to GHS.
Hazard Pictograms:



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.

Potential Health Hazards:
Eyes: May be an irritant.
Inhalation: May be an irritant.
Skin: May be an irritant.
Ingestion: May cause nausea, vomiting, and diarrhea.

HMIS Ratings:

Health	2	Moderate
Flammability	1	Slight
Reactivity	0	Minimal

3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %	Molecular Weight
Sodium Phytate	14306-25-3	≥75%	Not Available
Water	7732-18-5	≥25%	Not Available

4 FIRST AID MEASURES

Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention if needed.
Inhalation: Remove casualty to fresh air and keep warm and at rest. Seek medical attention if needed.
Skin: Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. Seek medical attention if needed.
Ingestion: Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Seek medical attention if needed.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperatures. Use appropriate media (Dry chemical, foam, water spray, carbon dioxide) for surrounding environment for adjacent fire. Do not use direct or heavy water stream to fight fire as it may splash burning liquid
Special protective equipment & precautions for firefighters:	Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots. Remove movable containers if safe to do so.
Flash Points:	149°F (65°C)
Specific hazards arising from the chemical:	None listed. See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency 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. Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	Avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak.
Methods and material for containment and cleaning up:	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 Dispose of absorbed material in accordance with the regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	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. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.
Conditions for safe storage, incl. any incompatibilities:	Store in a dry, well-ventilated area. When not in use, keep containers tightly closed. Store away from incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Component	Exposure Limits	Basis	Entity
Sodium Phytate	None established		

TWA: Time Weighted Average over 8 hours of work.
TLV: Threshold Limit Value over 8 hours of work.
REL: Recommended Exposure Limit
PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
IDLH: Immediately Dangerous to Life or Health
WEEL: Workplace Environmental Exposure Levels
CEIL: Ceiling

Personal Protection:

Eyes:	Use suitable eye protection. Wear chemical goggles with side splash protection.
Inhalation:	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
Body:	Wear suitable protective gloves and full protective clothing. Wash any exposed skin areas.
Other:	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. Use good personal hygiene practices. Provide eyewash stations, quick-drench showers

and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Solid Crystalline	**Vapor Pressure:**	No data available
Odor:	No data available	**Vapor Density:**	Not applicable
Odor Threshold:	No data available	**Evaporation Rate:**	No data available
Color:	White	**Flammability:**	No data available
Molecular Weight:	681.01 g/mol	**Upper/lower Explosive Limit:**	Not applicable
pH:	No data available	**Flash Point:**	149°F (65°C)
Boiling Point:	No data available	**Specific Gravity:**	2.04
Melting/Freezing Point:	No data available	**Water Solubility:**	1190 g/l
Relative Density:	No data available	**Auto-Ignition Temperature:**	Not applicable
Partition Coefficient: n-octanol/water:	No data available	**Decomposition Temperature:**	159°F (71.27°C)
Viscosity:	No data available	**Explosive Properties:**	No data available
Oxidizing Properties:	None	**Log Pow:**	< 0.3

10 STABILITY AND REACTIVITY

Reactivity:	The product is non-reactive under normal conditions of use, storage and transport.
Chemical Stability:	The product is non-reactive under normal conditions of use, storage and transport.
Hazardous Polymerization:	No data available.
Conditions to Avoid:	Avoid dust formation, heat, flames, and sparks. Eliminate all sources of ignition.
Incompatible Materials:	Strong oxidants, heat.
Hazardous Decomposition Products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Possible Hazardous Reactions:	No dangerous reactions known under normal conditions of use.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Not classified.
Skin:	May cause skin irritation.
Eyes:	No data available.
Inhalation:	May cause irritation to the respiratory tract.
Ingestion:	Harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Carcinogenicity:	Not classified. Sodium Phytate is not listed as a carcinogen or suspected carcinogen by IARC, NTP, ACGIH, OSHA or the EU CLP.
Teratogenicity:	No data available.
Germ Cell Mutagenicity:	Not classified.
Embryotoxicity:	No data available.
Specific Target Organ Toxicity:	Not classified for single or repeated exposure.
Reproductive Toxicity:	Not classified.
Skin Corrosion/Eye Irritation:	Not classified.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
Aquatic Vertebrate:	No data available.
Aquatic Invertebrate:	(Daphnia) EC50 > 0.294 mg/L.
Algae:	(Algae) ErC50: 28.13 mg/L
Persistence and Degradability:	Readily Biodegradable.
Bioaccumulative Potential:	< 0.3
Mobility in Soil:	No data available.
PBT and vPvB Assessment:	No data available.
Other Adverse Effects:	No data available.

13 DISPOSAL CONSIDERATIONS

Waste Residues: Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product.

Product Containers: Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	Not regulated.
TDG (Transportation of Dangerous Goods, Canada):	No data available.
IMDG (International Maritime Dangerous Goods):	Not regulated.
IATA (International Air Transport Association):	Not regulated.
ICAO (International Civil Aviation Organization):	Not regulated.

15 REGULATORY INFORMATION

TSCA Inventory Status:	All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.
SARA 313:	Not subject to reporting requirements.
SARA 302:	Not applicable.
SARA 311/312:	Refer to Section 2 for OSHA Hazard Classification.
California Prop. 65:	This product does not contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.
Canada (DSL):	No data available.
EU (EINECS):	No data available.
China (IECSC):	No data available.
Australia (AICS):	No data available.
Japan (ENCS):	No data available.
Philippines (PICCS):	No data available.
Korea (KECI):	No data available.
New Zealand (NZIoC):	No data available.

16 OTHER INFORMATION

Revision Date: 04-Nov-2026

Compliance: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitableness & completeness of such information for his own particular use.