



Safety Data Sheet

Vitaplex™

Complies with 29 CFR 1910.1200

Section 1: Company and Product Identification

Product Name: Vitaplex™

INCI Name: Niacinamide, Sodium Starch Octenyl Succinate, Calcium Pantothenate, Maltodextrin, Sodium Ascorbyl Phosphate, Tocopheryl Acetate, Pyridoxine HCl, Silica

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

Hazard Category: Category 2A

Hazard Statements: May form combustible dust concentrations in air.
H319 Causes serious eye irritation.

Precautionary Statements: Prevention
P264 Wash skin thoroughly after handling.
P280 Wear eye protection/face protection.
Response
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.

Other Hazards: Risk of dust explosion.



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Section 3: Composition / Information on Ingredients

Description: Mixture (preparation) containing active ingredients and auxiliary substances.

Hazardous components

Chemical Name	CAS#	Concentration (% w/w)
nicotinamide	98-92-0	≥ 20 - < 30
calcium pantothenate, D-form	137-08-6	≥ 20 - < 30
L-Ascorbic acid, 2-(dihydrogen phosphate) trisodium salt	66170-10-3	≥ 5 - < 10
3,4-dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-2H-benzopyran-6-yl acetate	7695-91-2	≥ 1 - < 5

Additional Information: No additional information available

Section 4: First Aid Measures

General Info: Move out of dangerous area. Show this safety data sheet to the doctor in attendance.

Notable Exposure Symptoms: No specific symptoms known.

If Ingested: Rinse mouth with water. Never give anything by mouth to an unconscious person. Obtain medical attention.

If Inhaled: Move to fresh air. Consult a physician after significant exposure.

Eye Contact: Immediately flush eye(s) with plenty of water. Remove contact lenses. Protect unharmed eye. If eye irritation persists, consult a specialist.

Skin Contact: Remove contaminated clothing and shoes immediately. Wash off with soap and plenty of water. If symptoms persist, call a physician.

Section 5: Fire Fighting Measures

General Info: Flash point: Not applicable. Consider dust explosion hazard.

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



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Section 6: Accidental Release Measures

Personal Precautions, Protective

Equipment and Procedures: Use personal protective equipment. Ensure adequate ventilation. Avoid dust formation. Avoid breathing dust.

Environmental Precautions: Try to prevent the material from entering drains or water courses.

Containment Equipment and

Cleanup Procedures: Pick up and arrange disposal without creating dust.

Section 7: Handling and Storage

Safe Handling Precautions: Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed. Take precautionary measures against static discharges.

Recommendations for Storage: To maintain product quality, do not store in heat or direct sunlight. Protect from humidity. Keep container tightly closed and dry.

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

Section 8: Exposure Control / Personal Protection

Components with Workplace Control Parameters

Components	CAS#	Form of Exposure	Control Parameters Permissible Concentration
calcium pantothenate, D-form	130-08-6	TWA	10 mg/m ³
L-Ascorbic Acid 2(dihydrogen phosphate), trisodium salt	66170-10-3	TWA	26 mg/m ³
3,4-dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-2H-benzopyran-6-yl acetate	7695-91-2	TWA	8 mg/m ³
pyridoxine hydrochloride	58-56-0	TWA	3 mg/m ³

General / Engineering

Controls: General mechanical ventilation is acceptable.

Eye/Face Protection: Chemical goggles with side splash protection recommended. An eye wash facility should be available in the work area.

Hand Protection: Protective gloves

Body Protection: Choose body protection according to the amount and concentration of the dangerous substance at the workplace.

Respiratory Protection: In case of dust or aerosol formation, use respirator with an approved filter.

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: Powder

Appearance: Fine

Color: White to off-white

Odor: Characteristic

Odor Threshold: No data available

pH: 6 - 9 (5%) in aqueous solution

Melting Point/Freezing Point: Not applicable

Boiling Point: Not applicable

Flash Point: Not applicable

Auto-ignition Temperature: No data available

Decomposition Temperature: Decomposes on heating. Potential for exothermic hazard

Evaporation Rate: Not applicable

Vapor Pressure: Not applicable

Explosive Limits: Not applicable

Vapor Density: Not applicable

Specific Gravity: No data available

Water Solubility: Dispersible

Viscosity (cP): Not determined

Explosion Properties: None

Oxidizing Properties: None

Partition coefficient: Not available

Other Information: Combustibility index for deposited dust: 3 (25°C)



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Section 10: Stability and Reactivity

Reactivity: No hazards to be specifically mentioned.

Chemical Stability: Stable under recommended storage conditions.

Possibility of Hazardous

Reactions: May form explosive mixture in air.

Conditions to Avoid: Heat

Incompatible Materials: Strong acids and strong bases. Strong oxidizing agents.

Hazardous Decomposition

Products: Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

Section 11: Toxicological Information

General Information: Historical data; product not tested on animals for cosmetics.

Acute Oral Toxicity: Oral LD50 is anticipated to be >5g/kg based on testing of similar materials.

Acute Dermal Toxicity: L-Ascorbic acid, 2-(dihydrogen phosphate), trisodium salt - LD50 (Rat): > 2,000 mg/kg (OECD Test Guideline 402)

Skin Irritation: May cause skin irritation and/or dermatitis.

Eye Irritation: May cause irreversible eye damage.

Sensitization: No known indication for sensitizing effect.

Gentoxicity in-vitro: L-Ascorbic acid, 2-(dihydrogen phosphate), trisodium salt - Not mutagenic. (various test systems)

Genotoxicity in-vivo: No indication for mutagenicity known.

Carcinogenicity: No indication for carcinogenicity known. Not known or anticipated by IARC, OSHA and NTP.

Teratogenicity: No indication for teratogenicity known.

STOT- Single Exposure: Not classified

STOT- Repeated Exposure: No data available.

Further Information: No data available for the product itself.
May cause irritation of the respiratory tract.

Aspiration Toxicity: No aspiration toxicity classification.



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Section 12: Ecological Information

Toxicity: Toxicity to fish

L-Ascorbic acid, 2-(dihydrogen phosphate), trisodium salt:
Danio rerio (zebra fish) LC50 (96 h) 5,586 mg/l (nominal concentration)
(OECD Test Guideline 203)

Toxicity to daphnia and other aquatic invertebrates

L-Ascorbic acid, 2-(dihydrogen phosphate), trisodium salt:
Daphnia magna (Water flea) EC50 (48 h) > 100 mg/l (nominal concentration)
(Directive 67/548/EEC, Annex V, C.2.)

Toxicity to algae

L-Ascorbic acid, 2-(dihydrogen phosphate), trisodium salt:
ErC50 (72 h) > 100 mg/l (nominal concentration)
NOEC (72 h) 3.13 mg/l (nominal concentration)

pyridoxine hydrochloride: *Desmodesmus subspicatus* (green algae)
EbC50 (72 h) 5.3 mg/l
(OECD Test Guideline 201)

Toxicity to bacteria

L-Ascorbic acid, 2-(dihydrogen phosphate), trisodium salt:
Pseudomonas putida EC50 (16 h) 7,700 mg/l (nominal concentration)

Toxicity to fish (chronic toxicity)

3,4-dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyldecyl)-2H-benzopyran-6-yl
acetate

Oncorhynchus mykiss (rainbow trout)
NOEC (28 d) 100 mg/l (nominal concentration) (OECD Test Guideline 215)

No data is available on the product itself.

Persistence and Degradability: No data is available on the product itself.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

Results of PBT and vPvB

Assessment: This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

Other Adverse Effects: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances. This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A+B).

Additional Ecological Info: Harmful to aquatic organisms.



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Section 13: Disposal Information

Product Disposal: Dispose of product in accordance with local, regional, and national regulations.
Do not discharge into the environment. Dispose of any unused product.

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



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Section 15: Regulatory Information

CERCLA Reportable Quantity: This material does not contain any components with a CERCLA RQ.

SARA 304: This material does not contain any components with a Section 304 EHS RQ.

SARA 302: This material does not contain any componenets with a Section 302 EHS TPQ.

SARA 311/312: Combustible dust. Serious eye damage or eye irritation.

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Tittle II, Section 313.

Clean Air Act (CAA): Not regulated

Clean Water Act (CWA): Not regulated

Right to Know MA: Not subject

Right to Know PA: Sodium starch octenylsuccinate 66829-29-6
nicotinamide 98-92-0
calcium pantothenate, D-form 137-08-6
Maltodextrin 9050-36-6
L-Ascorbic acid, 2-(dihydrogen phosphate), trisodium salt 66-170-10-3
3,4-dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyldecyl)-2H-benzopyran-6-yl
acetate 7695-91-2

TSCA list: Not regulated

California Proposition 65: This product may contain Lead (< 2ppm), Cadmium (< 1ppm), Dichloromethane (< 200ppm), Methanol (< 1100ppm), Pyridine (< 2ppm) and Toluelene (< 10ppm), which are known to the State of California to cause cancer, birth defects or other reproductive harm.



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Section 16: Other Information

Indication of Changes: Version 2 created April 10, 2024

List of Relevant R-phrases

(number and full text): See Section 2

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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