

Vitamin MIXI


Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /
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1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Vitamin MIXI	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Niacinamide, Sodium Starch Octenylsuccinate, Calcium Pantothenate, Maltodextrin, Sodium Ascorbyl Phosphate, Tocopheryl Acetate, Pyridoxine HCl	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	98-92-0, 66829-29-6, 52906-93-1, 137-08-6, 9050-36-6, 66170-10-3, 7695-91-2, 58-56-0	Web:	www.makingcosmetics.com
Formula:	No data available	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)
Product Form:	Powder		
Product Use:	Cosmetic use		

2 HAZARDS IDENTIFICATION

Classification:	Combustible dust Causes eye irritation: Category 2A									
Signal Word:	WARNING!									
Hazard Pictograms:										
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.									
Potential Health Hazards:	Eyes: May cause irreversible eye damage. Inhalation: May be an irritant to the respiratory tract. Skin: May be an irritant.									
HMIS® IV Ratings:	Ingestion: May cause nausea, vomiting, and diarrhea.									
	<table border="1"> <tr> <td>Health</td> <td>2</td> <td>Moderate</td> </tr> <tr> <td>Flammability</td> <td>2</td> <td>Moderate</td> </tr> <tr> <td>Physical Hazards</td> <td>1</td> <td>Slight</td> </tr> </table>	Health	2	Moderate	Flammability	2	Moderate	Physical Hazards	1	Slight
Health	2	Moderate								
Flammability	2	Moderate								
Physical Hazards	1	Slight								

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Niacinamide	98-92-0	25 - 50%	Not Available
Sodium Starch Octenylsuccinate	66829-29-6 / 52906-93-1	15 - 30%	Not Available
Calcium Pantothenate	137-08-6	10 - 25%	Not Available
Maltodextrin	9050-36-6	10 - 25%	Not Available
Sodium Ascorbyl Phosphate	66170-10-3	5 - 10%	Not Available
Tocopheryl Acetate	7695-91-2	1 - 5%	Not Available
Pyridoxine HCl	58-56-0	1 - 5%	Not Available
Silica	7631-86-9	<0.2%	Not Available

4 FIRST AID MEASURES

Eyes:	Immediately flush eyes with plenty of water. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist. Treat symptomatically.
Inhalation:	Move to fresh air. Consult a physician after significant exposure. Treat symptomatically.
Skin:	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. If symptoms persist, call a physician. Treat symptomatically.
Ingestion:	Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Do not give milk or alcoholic beverages. Obtain medical attention. Treat symptomatically.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperatures. Use appropriate media (water, foam) for surrounding environment and adjacent fire. No unsuitable extinguish media listed.
Special protective equipment & precautions for firefighters:	Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots.
Flash Points:	Not applicable.
Specific hazards arising from the chemical:	Consider dust explosion hazard. See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	Ensure adequate ventilation. Avoid dust formation. Avoid breathing dust. 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:	Pick up and arrange disposal without creating dust. Dispose of absorbed material in accordance with the regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed. Take precautionary measures against static discharges. Avoid contact with skin and eyes. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.
Conditions for safe storage, incl. any incompatibilities:	To maintain product quality, do not store in heat or direct sunlight. Protect from humidity. Keep container tightly closed and dry. Store away from incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Basis</u>
Calcium Pantothenate	10 mg/m ³	TWA	DSM Internal Limit
Sodium Ascorbyl Phosphate	26 mg/m ³	TWA	DSM Internal Limit
Tocopheryl Acetate	8 mg/m ³	TWA	DSM Internal Limit
Pyridoxine HCl	3 mg/m ³	TWA	DSM Internal Limit

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:	Wear safety glasses with side protection shields.
Inhalation:	In the case of dust or aerosol formation use respirator with an approved filter.
Body:	Wear nitrile rubber gloves and protective clothing. Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Other:	Use good personal hygiene and industrial hygiene and safety practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Fine powder	Vapor Pressure:	Not applicable
Odor:	No data available	Relative Vapor Density:	Not applicable
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	White to off-white	Flammability:	May form combustible dust concentrations in air.
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH (as aqueous solution):	6 - 9 (5%)	Flash Point:	Not applicable
Boiling Point/Range:	Not applicable	Specific Gravity:	No data available
Melting Point/Range:	Not applicable	Water Solubility:	Dispersible
Relative Density:	No data available	Auto-Ignition Temperature:	No data available
Partition Coefficient: n-octanol/water:	Not applicable	Thermal Decomposition:	Decomposes on heating. Potential for exothermic hazard
Viscosity:	No data available	Explosive Properties:	Not explosive
Oxidizing Properties:	No data available	Density:	Not determined
Combustibility Index for Deposited Dust:	3 (25 °C)	Minimum Ignition Energy:	30 - 100 mJ (Milled sample, Median value of tested sample < 0.063 mm, EN 13821)
Minimum ignition temp of a dust/air mix:	480 °C (Median value of the tested sample 0.071 mm) determined in the BAM oven	Powder Volume Resistivity:	ca. 3E+12 Ohmm (Median value of tested sample 0.071 mm) Material can accumulate static charge & cause electrical ignition.

10 STABILITY AND REACTIVITY

Reactivity:	No hazards to be specially mentioned.
Chemical Stability:	Stable under recommended storage conditions.
Hazardous Polymerization:	No data available.
Conditions to Avoid:	Heat.
Incompatible Materials:	Strong acids and strong bases and strong oxidizing agents.
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).
Possible Hazardous Reactions:	Dust may form explosive mixture in air.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity Estimate:	> 5,000 mg/kg (Calculation method).
Skin:	May cause skin irritation and/or dermatitis. (Rat) Component: Sodium Ascorbyl Phosphate; LD50: > 2,000 mg/kg (OECD Test Guideline 402).
Eyes:	May cause irreversible eye damage.
Inhalation:	May cause irritation of respiratory tract.
Ingestion:	No data available.
Carcinogenicity:	No indication for carcinogenicity known.
IARC:	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
OSHA:	No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.
NTP:	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
Teratogenicity:	No indication for teratogenicity known.
Germ Cell Mutagenicity:	No indication for mutagenicity known. Component: Sodium Ascorbyl Phosphate; Not mutagenic (Various test systems).
Embryotoxicity:	No data available.
Specific Target Organ Toxicity:	The substance or mixture is not classified as specific target organ toxicant, single exposure. No information available for repeated exposure.
Reproductive Toxicity:	No data available.

Sensitization: No known indication for sensitizing effect.
Aspiration Toxicity: No aspiration toxicity classification.

12 ECOLOGICAL INFORMATION

Ecotoxicity: Harmful to aquatic organisms.

Aquatic Vertebrate:
Component
 Sodium Ascorbyl Phosphate: (Danio rerio) LC50: 96 hours; 5,856 mg/l (nominal concentration) (OECD 203).
 Tocopheryl Acetate: (Rainbow Trout) Chronic Toxicity; NOEC; 28 days; 100 mg/l (nominal concentration) (OECD 215).
Aquatic Invertebrate: (Daphnia magna) Component: Sodium Ascorbyl Phosphate; EC50: 48 hours > 100 mg/l (nominal concentration) (Directive 67/548/EEC, Annex V, C.2.).

Terrestrial:
Component
 Sodium Ascorbyl Phosphate: (Algae) ErC50: 72 hours; > 100 mg/l (nominal concentration) (Directive 67/548/EEC, Annex V, C.3.) NOEC; 72 hours; 3.13 mg/l (nominal concentration).
 Pyridoxine HCl: (Pseudomonas putida) EC50; 16 hours; 7,700 mg/l (nominal concentration).
 (Desmodesmus subspicatus) EbC50; 72 hours; 5.3 mg/l (OECD 201).

Persistence and Degradability: Component: Sodium Ascorbyl Phosphate: Not readily biodegradable. ≤ 30%; 28 days (OECD 301F).
 Component: Tocopheryl Acetate: Readily biodegradable. 94%; 28 days (OECD 301E).

Bioaccumulative Potential: No data available.

Mobility in Soil: Component: Sodium Ascorbyl Phosphate: 69.5 mN/m (1 g/l, 20°C, Tested according to Annex V of Directive 67/548/EEC).

PBT and vPvB Assessment: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Other Adverse Effects: (Regulation) 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances. (Remarks) 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).

13 DISPOSAL CONSIDERATIONS

Waste Residues: User must determine if any wastes generated exhibit hazardous characteristics as per 40 CFR Part 261 or other national/local legislation. Discharge into the environment must be avoided. Do not contaminate ponds, waterways or ditches with chemical or used container. Do not dispose of waste into sewer. Offer surplus and non-recyclable solutions to a licensed disposal company. 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: Dispose of as unused product. Do not re-use empty 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 as a dangerous good.
TDG (Transportation of Dangerous Goods, Canada): No data available.
IMDG (International Maritime Dangerous Goods): Not regulated as a dangerous good.
IATA (International Air Transport Association): Not regulated as a dangerous good.
ICAO (International Civil Aviation Organization): No data available.
49 CFR: Not regulated as a dangerous good.

15 REGULATORY INFORMATION

TSCA Inventory Status: No substances are subject to a Significant New Use Rule. No substances are subject to TSCA 12 (b) export notification requirements.

CERCA RQ:	This material does not contain any components with a CERCLA Reportable Quantity.
SARA 304:	This material does not contain any components with a section 304 Extremely Hazardous Substances Reportable Quantity.
SARA 302:	This material does not contain any components with a section 302 Extremely Hazardous Substances Threshold Planning Quantity.
SARA 311/312 Hazards:	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 (De Minimis) reporting levels established by SARA Title III, Section 313.
Clean Air Act:	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). This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61). This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F). This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM Intermediate or Final VOC's (40 CFR 60.489).
Clean Water Act:	This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A. This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3. This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307. This product does not contain any priority pollutants related to the U.S. Clean Water Act.
MA Right to Know:	No components are subject to the Massachusetts Right to Know Act.
PA Right to Know:	Sodium starch octenylsuccinate (CAS: 66829-29-6). Nicotinamide (CAS: 98-92-0). calcium pantothenate, D-form (CAS: 137-08-6). Maltodextrin (CAS: 9050-36-6). L-Ascorbic acid, 2-(dihydrogen phosphate), trisodium salt (CAS: 66170-10-3). 3,4-dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-2H benzopyran-6-yl acetate (CAS: 7695-91-2).
ME Chemicals of High Concern:	Product does not contain any listed chemicals.
VT Chemicals of High Concern:	Product does not contain any listed chemicals.
WA Chemicals of High Concern:	Product does not contain any listed chemicals.

16 OTHER INFORMATION

Additional Abbreviations:	LC50: Lethal Concentration to 50% of a test population. NOEC: No observed effect concentration. EC50: Concentration associated with x% response. EbC50: Concentration of test substance which results in a 50% reduction in biomass growth relative to the control within 72hrs exposure. ErCx: Concentration associated with x% growth rate response.
Revision Date:	09-Dec-2024
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 suitability & completeness of such information for his own particular use.