

Beetroot Extract Pigment

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

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1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Beetroot Extract Pigment	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Beta Vulgaris (beet) root extract, maltodextrin, citric acid, ascorbic acid	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	89957-89-1, 9050-36-6, 77-92-9, 50-81-7	Web:	www.makingcosmetics.com
Formula:	No data available	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)
Product Form:	Solid		
Product Use:	Cosmetic use		

2 HAZARDS IDENTIFICATION

Hazards Identification:	This mixture has not been tested as a whole. It contains ingredients that could present a health hazard to employees, as outlined below.		
Classification:	Combustible dust		
Signal Word:	WARNING		
Hazard Pictograms:	None.		
Hazard Statements:	USH003: May form combustible dust concentrations in air. H319: Causes serious eye irritation.		
Precautionary Statements:	None.		
Potential Health Hazards:	Eyes: Causes serious eye irritation. Inhalation: Not expected to be an irritant. Skin: Not expected to be an irritant. Ingestion: May cause nausea, vomiting, or diarrhea.		
NFPA Ratings (704):	Health	N/A	N/A
	Flammability	N/A	N/A
	Reactivity	N/A	N/A
	Specific Hazard	N/A	

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Beta Vulgaris Root Extract	89957-89-1	Proprietary	Not Available
Maltodextrin	9050-36-6	Proprietary	Not Available
Citric acid	77-92-9	Proprietary	Not Available
Ascorbic acid	50-81-7	Proprietary	Not Available

4 FIRST AID MEASURES

Eyes:	Wash immediately with water.
Inhalation:	Remove casualty to fresh air and keep warm and at rest.
Skin:	Wash with plenty of water and soap.
Ingestion:	Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Get medical attention showing the SDS and label hazardous.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperatures. Use appropriate media (carbon dioxide (CO ₂)) for surrounding environment and adjacent fire. No unsuitable extinguish media listed.
Special protective equipment &	Wear self-contained breathing apparatus and full protective clothing, including eye protection

precautions for firefighters:	and boots. Collect contaminated fire extinguishing water. Do not discharge into drains. Move undamaged containers from immediate hazard area but only if it can be done safely.
Flash Points:	Not applicable.
Specific hazards arising from the chemical:	Do not inhale explosion or combustion gases. Burning produces heavy smoke. See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	Remove persons to safety. 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:	Suitable material for taking up include absorbing material, organic, sand. Wash with plenty of water. Dispose of absorbed material in accordance with the regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	Avoid contact with skin and eyes, inhalation of vapors, and mists. Don't use empty containers before they have been cleaned. Before making transfer operations, assure that there aren't any incompatible material residuals in the containers. Contaminated clothing should be changed before entering eating areas. Do not eat or drink while working. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.
Conditions for safe storage, incl. any incompatibilities:	In the same containers used for the shipping, full, tightly sealed, and protected from light, in an adequately ventilated premises. 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>Entity</u>
Beetroot Extract Pigment	Not available		

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:	Not required, but safety glasses are recommended.
Inhalation:	Not required, but a dust mask with particle filter is recommended.
Body:	No special precaution must be adopted for normal use.
Other:	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 (Powder)	Vapor Pressure:	No data available
Odor:	Characteristic	Vapor Density:	No data available
Odor Threshold:	Not determined	Evaporation Rate:	Not determined
Color:	Powder Pink	Flammability:	Not determined
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	Not determined	Flash Point:	Not applicable
Boiling Point:	Not determined	Specific Gravity:	No data available
Melting/Freezing Point:	Not determined	Water Solubility:	Soluble
Relative Density:	No data available	Other Solubility:	Dispersible
Partition Coefficient: n-octanol/water:	No data available	Auto-Ignition Temperature:	Not determined
Viscosity:	Not determined	Decomposition Temperature:	No data available
Oxidizing Properties:	Not determined	Explosive Properties:	Not determined

10 STABILITY AND REACTIVITY

Reactivity:	Stable under normal conditions.
Chemical Stability:	No data available.
Hazardous Polymerization:	No data available.
Conditions to Avoid:	Stable under normal conditions.
Incompatible Materials:	None in particular.
Hazardous Decomposition Products:	None.
Possible Hazardous Reactions:	None.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Not classified. Based on available data, the classification criteria are not met.
Skin Corrosion/Irritation:	Not classified. Based on available data, the classification criteria are not met.
Serious Eye Damage/Irritation:	Not classified. Based on available data, the classification criteria are not met.
Respiratory/Skin Sensitization:	Not classified. Based on available data, the classification criteria are not met.
Ingestion:	
Component	
Citric Acid:	(Rat, Oral) Acute toxicity; LD50 = 3000 mg/kg.
Carcinogenicity:	Not classified. Based on available data, the classification criteria are not met. No substances listed as IARC, OSHA, NIOSH, or NTP carcinogens.
Teratogenicity:	No data available.
Germ Cell Mutagenicity:	Not classified. Based on available data, the classification criteria are not met.
Specific Target Organ Toxicity:	Not classified. Based on available data, the classification criteria are not met.
Reproductive Toxicity:	Not classified. Based on available data, the classification criteria are not met.
Aspiration Toxicity:	Not classified. Based on available data, the classification criteria are not met.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	Adopt good working practices, so that the product is not released into the environment.
Aquatic Vertebrate:	No data available.
Aquatic Invertebrate:	No data available.
Terrestrial:	No data available.
Persistence and Degradability:	No data available.
Bioaccumulative Potential:	No data available.
Mobility in Soil:	No data available.
PBT and vPvB Assessment:	No data available.
Other Adverse Effects:	Not determined.

13 DISPOSAL CONSIDERATIONS

Waste Residues:	Do not dump into sewers, any body of water or onto the ground. Recover if possible. In so doing, comply with 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):	No data available.
TDG (Transportation of Dangerous Goods, Canada):	No data available.
IMDG (International Maritime Dangerous Goods):	No data available. Not a marine pollutant.
IATA (International Air Transport Association):	No data available.
ICAO (International Civil Aviation Organization):	No data available.

15 REGULATORY INFORMATION

TSCA Inventory Status:	All chemical substances in this material are included on or are exempted from listing on the TSCA Chemical Substance Inventory.
SARA Section 313:	No substances listed.
California Prop 65:	No substances listed.
Canada (DSL):	This product has been classified in accordance with the hazard criteria of the Controlled Product Regulation (CPR) and this MSDS contains all the information required by the CPR.
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:	22-Jan-2025
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.