

Beetroot Extract Pigment

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

Revision Date: 11/18/2020
Supersedes: 06/14/2019

1 PRODUCT & COMPANY IDENTIFICATION

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

2 HAZARDS IDENTIFICATION

GHS Classification:	Comb. Dust: May form combustible dust concentrations in air.		
Signal Word:	WARNING		
GHS Hazard Pictograms:	None		
GHS Hazard Statements:	None		
GHS Precautionary Statements:	None		
Potential Health Hazards:	Eyes: Not expected to be irritant. Inhalation: Not expected to be irritant. Skin: Not expected to be irritant. Ingestion: Not expected to be irritant.		
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 (Beet) Root Extract	89957-89-1	Not Available	Not Available
Citric Acid	77-92-9	0.5-1.0%	Not Available
Ascorbic Acid	50-81-7	Not Available	Not Available
Maltodextrin	9050-36-6	Not Available	Not Available

4 FIRST AID MEASURES

Eyes:	In case of eye contact, wash immediately with water. Seek medical attention irritation develops or persists.
Inhalation:	Remove casualty to fresh air and keep warm and at rest. Seek medical attention if respiratory irritation develops or if breathing becomes difficult.
Skin:	In case of skin contact, wash with plenty of water and disinfectant/non-abrasive soap. Seek medical attention if irritation develops or persists.
Ingestion:	Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Get medical attention showing the SDS and label.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:

Special protective equipment & precautions for firefighters:

Flash Points:

Specific hazards arising from the chemical:

May be combustible at high temperature. Use appropriate media (water, CO₂, foam, chemical powders) for adjacent fire. Do not use direct water stream.

Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Move undamaged containers from immediate hazard area if it can be done safely.

No data available

Do not inhale explosion and combustions gases. Burning produces heavy smoke. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:

Environmental precautions:

Methods and material for containment and cleaning up:

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.

Avoid liquid release into sewers/public water. Notify environmental authorities in case of large leaks.

Suitable material for taking up: dry and inert absorbing material (e.g. vermiculite, sand, earth). Wash with plenty of water. Dispose of all waste and cleanup materials in accordance with regulations.

7 HANDLING & STORAGE

Precautions for safe handling:

Conditions for safe storage, incl. any incompatibilities:

Avoid contact with skin and eyes, inhalation of vapors and mists. Do not eat or drink while working. See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.

Store in cool, dry well-ventilated area. Keep away from heat and incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Component

Citric Acid

Exposure Limits

2 mg/m³

Basis

MAK

Entity

Germany

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:

None needed under normal conditions of use. Operate according to good working practices.

Inhalation:

Control worker exposure to below detectable levels. However, if an effective ventilation system is not in use, use a NIOSH-approved respirator for organic vapors and/or dusts. Where appropriate, use closed systems to transfer and process this material. If appropriate, isolate mixing rooms and other areas where this material is used or openly handled. Maintain these areas under negative air pressure relative to the rest of the plant. Use local exhaust as required to capture all airborne vapors and dust.

Body:

Not needed under normal conditions of 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:

Pink powder

Vapor Pressure:

No data available

Odor:

Characteristic

Vapor Density:

No data available

Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	No data available	Flammability:	No data available
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	No data available	Flash Point:	No data available
Boiling Point:	No data available	Specific Gravity @ 25 °C:	No data available
Melting Point:	No data available	Solubility in Water:	Soluble (Dispersible in lipids)
Relative Density:	No data available	Auto-Ignition Temperature:	No data available
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available
Viscosity:	No data available	Explosive Properties:	No data available
Oxidizing Properties:	No data available	Freezing Point:	No data available

10 STABILITY AND REACTIVITY

Reactivity:	Stable under normal conditions.
Chemical Stability:	No data available
Hazardous Polymerization:	Burning produces carbon monoxide and/or carbon dioxide.
Conditions to Avoid:	Stable under normal conditions of temperature and pressure.
Incompatible Materials:	Avoid strong oxidizing agents, peroxides, acids, alkali metals.
Hazardous Decomposition Products:	Burning produces carbon monoxide and/or carbon dioxide.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available
Skin:	No data available
Eyes:	No data available
Respiratory:	No data available
Ingestion:	LD50: 3000 mg/kg
Carcinogenicity:	Product is not listed as carcinogen by IARC, OSHA, NIOSH, or NTP.
Teratogenicity:	No data available
Germ Cell Mutagenicity:	No data available
Embryotoxicity:	No data available
Specific Target Organ Toxicity:	No data available
Reproductive Toxicity:	No data available
Respiratory/Skin Sensitization:	No data available
Corrosivity:	No data available
Sensitization:	No data available
Irritation:	No data available
Repeated Dose Toxicity:	No data available

12 ECOLOGICAL INFORMATION

Ecotoxicity	
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: 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 container.

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): Marine pollutant: No
IATA (International Air Transport Association): No data available
ICAO (International Civil Aviation Organization): No data available

15 REGULATORY INFORMATION

TSCA Inventory Status: Citric Acid listed in TSCA Section 8b.
DSCL (EEC): This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR.
WHMIS (Canada): No data available
EU EINECS/ELINCS/NLP: No data available
China IECSC: No data available
China IECIC (06.30.2014): No data available
Australia AICS: No data available
SARA 302: No substances listed
SARA 304: No substances listed
SARA 313: No substances listed
CERCLA: No substances listed
Clean Air Act: No substances listed
Clean Water Act: No substances listed
Massachusetts RTK: No substances listed
Pennsylvania RTK: No substances listed
New Jersey RTK: No substances listed
California Prop. 65: No substances listed

16 OTHER INFORMATION

Revision Date: 11/18/2020

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.

