Microcrystalline Wax Slabs

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

Revision Date: 26-Jun-2024
Supersedes: 28-Jun-2019

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Microcrystalline Wax Slabs
Synonyms: No data available
INCI Name: Microcrystalline Wax
CAS Number: 63231-60-7
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

GHS Classification: Not classified.
GHS Labeling: Not a dangerous substance according to GHS.
GHS Hazard Pictograms: None.
GHS Hazard Statements: None.
GHS Precautionary Statements: Molten materail may cause burns.
Potential Health Hazards: Eyes: Not expected to be an irritant under normal conditions of use.
Inhalation: Not expected to be an irritant under normal conditions of use.
Skin: Not expected to be an irritant under normal conditions of use.
Ingestion: Not expected to be an irritant under normal conditions of use.

NFPA Ratings (704):

Health	0	Minimal
Flammability	1	Slight
Reactivity	0	Minimal
Specific Hazard	N/A	

HMIS Ratings:

Health	0	Minimal
Flammability	1	Slight
Reactivity	0	Minimal
Personal Protection	N/A	

3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %	Molecular Weight
Microcrystalline Wax	63231-60-7	100%	Not Available

4 FIRST AID MEASURES

Eyes: Upon contact with molten material, it may cause thermal burns. Immediately flush eyes with water and continue washing for at least 15 minutes. Seek medical attention.

Inhalation: No emergency care anticipated under normal conditions of use. If molten material in inhaled, it may cause thermal burns. Seek immediate medical attention. Exposed persons should be kept under medical observation for at least 48 hours because delayed effects may occur.

Skin: Molten material may cause thermal burns. In serious cases, use emergency shower immediately. Immediately flush skin thoroughly with cold water for at least 15 minutes while removing contaminated clothing and shoes. Seek medical attention.

Ingestion: Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. This is a non-toxic substance. If molten material is swallowed, it may cause thermal burns. Seek immediate medical attention.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperatures. Use appropriate media (dry chemical, carbon dioxide, water fog, foam) for adjacent fire. Only use carbon dioxide for small fires. Do not use direct water/foam jet. Oil will float on water and spread any fire.
Special protective equipment & precautions for firefighters:	Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots. Treat as oil fire. Do not spray a direct/solid stream of water or foam into burning material as it will spread the fire. If a rail or tank truck is involved in a fire, isolate for 800 meters (0.5 mile) in all directions. Shut off fuel to fire if it is possible to do so without hazard. If this is impossible, withdraw from the area and let the fire burn out under controlled conditions. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tank due to fire.
Flash Points:	>200ºF (>93.4ºC)
Specific hazards arising from the chemical:	During a fire, oxides of carbon may be produced. See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	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. Dike area of spill to prevent spreading and pump liquid to salvage tank. Notify environmental authorities in case of leak.
Methods and material for containment and cleaning up:	Dike to contain spill. Absorb on inert material such as sand, earth, vermiculite. After cooling, scrape and/or shovel material. Stop the leak if it can be done without risk. Floor may be slippery, use care to avoid falling. Dispose of absorbed material in accordance with the regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	Do not handle at temperatures above 104ºF (40ºC) unless wearing appropriate thermal protectant equipment. Use with appropriate mechanical room ventilation at room temperature. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.
Conditions for safe storage, incl. any incompatibilities:	Keep away from heat, sparks, flame, and light. Do not store at temperatures greater than 104ºF (40ºC) without proper safety review of storage equipment. Store away from incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Component	Exposure Limits	Basis	Entity
Microcrystalline Wax Slabs	None established	Not available	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:	Wear face shield or chemical splash goggles to protect from splashing when handling molten material.
Inhalation:	None expected to be needed under normal conditions of use.
Body:	Wear oil resistant gloves. When handling molten material wear gloves impervious to hot material and able to protect against molten material burns. Wear full, long sleeved protective clothing.
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	**Vapor Pressure:**	<0.1 kPa at 20ºC
Odor:	None or mild petroleum	**Vapor Density:**	No data available
Odor Threshold:	No data available	**Evaporation Rate:**	No data available
Color:	White to yellow	**Flammability:**	No data available

Molecular Weight:	No data available	**Upper/lower Explosive Limit:**	No data available
pH:	Not applicable	**Flash Point:**	>200°F (>93.4°C)
Boiling Point:	>230°C	**Specific Gravity (H20=1):**	<1
Melting/Freezing Point:	129-215°F (54-102°C)	**Water Solubility:**	Insoluble
Density at 100°C:	>0.80 g/cm^3	**Organic Solvent Solubility:**	Soluble
Partition Coefficient: n-octanol/water:	Log POW: >6 (soluble in oil)	**Auto-Ignition Temperature:**	No data available
Kinematic Viscosity at 100°C:	13-18 mm^2/s	**Decomposition Temperature:**	No data available
Oxidizing Properties:	No data available	**Explosive Properties:**	No data available

10 STABILITY AND REACTIVITY

Reactivity:	No data available.
Chemical Stability:	Stable.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	Extreme temperature, direct sunlight, and ultraviolet light.
Incompatible Materials:	Strong oxidizing agents.
Hazardous Decomposition Products:	Burning can produce oxides of carbon and soot.
Possible Hazardous Reactions:	No data available.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No evidence of harmful effects from available information.
Skin:	No data available.
Eyes:	No data available.
Inhalation:	No data available.
Ingestion:	No data available.
Carcinogenicity:	No data available.
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.
Sensitization:	No data available.
Corrosivity:	No data available.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	No data available.
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.
Further Information:	The product is stable in water and can be mechanically separated from water. The water may be suitable for disposal in biological waste water treatment plant.

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):	Not regulated.
IMDG (International Maritime Dangerous Goods):	Not regulated.
IATA (International Air Transport Association):	Not regulated.
ICAO (International Civil Aviation Organization):	Not regulated. Forbidden by air at temperatures above 212°F (≥100°C)
ADR/RID (Road and Rail Transportation):	When transported below 212°F (100°C) the product is not regulated. If transported above 212°F (>100°C): UN Number: 3257; Class: 9 (M9); Packing Group: III; Hazard Number: 99; Label: 9

15 REGULATORY INFORMATION

TSCA Inventory Status:	Listed.
NJ Right to Know:	Microcrystalline Wax (63231-60-7).
SARA 311/312:	None.
Canada (DSL):	Listed.
Canada (WHMIS):	This product is not hazardous.
EU (EINECS):	Listed.
China (IECSC):	No data available.
Australia (AICS):	Listed.
Japan (ENCS):	Listed.
Philippines (PICCS):	Listed.
Korea (KECI):	Listed.
Taiwan (TCSI):	Listed.
New Zealand (NZIoC):	Listed.

16 OTHER INFORMATION

Revision Date:	26-Jun-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 suitableness & completeness of such information for his own particular use.