

Material Safety Data Sheet



Microcrystalline Wax #7

Product Code: CI-MC0010

Department: waxes

C.A.S.: 63231-60-7, 64742-42-3

Section: 1 Identification

Chemical Product Name Microcrystalline Wax, EU Microcrystalline Wax
Common Chemical Name Microcrystalline Wax

Section: 2 Hazard Identification

HMIS RATINGS HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0
Hazard Ratings: 0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

Environmental Hazards Is not hazardous under OSHA Hazard Communications. Complies with 29 CFR 1910.1200 nor does it contain any chemicals listed in Proposition 65 of the California Regulatory Notice Register 93 Vol. No. 53-Z

SGH Label Elements

Signal Word

Precautionary Statements

GHS Classification

Hazard Statements

Section: 3 Composition / Information on Ingredients

Microcrystalline There are straight-chain molecules present, but the largest portion is branched hydrocarbons and some ring-type compounds which account for the bulk composition.
EU Microcrystalline Methyl and ethyl branched hydrocarbons with lesser amounts of linear hydrocarbons having a carbon chain length greater than C-25.

Section: 4 First-Aid Measures

Effects and Symptoms:

Ingestion	No available data, not known to be hazardous.
Inhalation	Molten wax fumes may cause mild upper respiratory irritation.
Skin Contact	Molten wax will cause burns when in contact with skin.
Eye Contact	Fumes may cause slight irritation to eyes.

First Aid Measures:

Ingestion	Induce vomiting seek medical attention.
Inhalation	If overcome by fumes, immediately remove from exposure and call a physician.
Skin Contact	Flush with cold water and seek medical attention.
Eye Contact	Flush with cold water and seek medical attention.
Human Health Hazards	As listed below

Section: 5 Fire-Fighting Measures

Extinguishing Media	Dry chemical, foam, sand/earth, water fog and CO2 for fires.
Special Firefighting Procedures	Water spray is an unsuitable extinguishing agent. Use self-contained apparatus to protect against smoke inhalation.
Unusual Fire/Explosion Hazards	None
Hazardous Thermal Decomposition Products	None
Protection of Firefighters	Self-contained apparatus.

Section: 6 Accidental Release Measures

Personal Precautions	See below.
Environmental Precautions	Advise authorities if product enters sewers.
Methods of Cleaning Up	Allow molten wax to solidify and remove as solid. If large spill occurs, shut off source and contain.

Section: 7 Handling And Storage

Handling	Use with caution around heat, sparks, static electricity and open flame.
Storage	Do not store near heat, keep cool. Keep away from strong oxidizing agents.
Shelf Life	2 years under proper storage conditions.

Section: 8 Exposure Control/Personal Protection

Respiratory System	Normally not needed.
Skin and Body	Apron or lab coat to protect from molten wax contact.
Hands	Gloves to protect from molten wax contact.
Eyes	Splash goggles or face shield to protect from molten wax contact.

Section: 9 Physical and Chemical Properties

Physical State:	Solid
Color	White to Light Yellow
Odor	No odor
Boiling Point @ 760mmHg	N/A
Melting Point:	139-206 F
Specific Gravity @ 25°C	0.83-0.89
pH	N/A
Solubility in Water	Insoluble
Vapor Density (Air=1)	N/A
Flash Point	>210 C Cleveland Open Cup

Section: 10 Stability And Reactivity

Stability	Stable
Conditions to Avoid	Overheating.
Material to Avoid	Avoid strong oxidizing agents, keep away from flame, heat (300 F max).
Hazardous Decomposition Products	Upon combustion, carbon monoxide and carbon dioxide are generated.

Section: 11 Toxicological Information

Ingestion	LD0 was estimated at 25g/kg. Non-toxic
Skin Irritation	No irritation potential (Patch Test)
Eye Irritation	No irritation potential

Section: 12 Ecological Information

N/A

Section: 13 Disposal Considerations

Method of Disposal	Dispose in an appropriate manner that complies with local and federal regulations.
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Section: 14 Transport Information

DOT Classification	
Class/Division	Not Restricted
Proper Shipping Name	N/A
Label	None
Packing Group	N/A
ID Number	N/A
Hazard	N/A

Section: 15 Regulatory Information

Wax Number 118:

INCI Name	Microcrystalline Wax
CAS#	63231-60-7
EINECS#	264-038-1
FDA Approved	21 CFR 178.3710 and 172.886

All Other Wax Numbers:

INCI Name	Microcrystalline Wax
CAS#	64742-42-3
EINECS#	265-163-4

Section: 16 Other Information

reference	manufacturer's material safety data sheet
prepared by	Kama pigments

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Last revision: 2017-04-24