

MATERIAL SAFETY DATA SHEET

Section 1: Product & Company Identification

Product Name: Marykate® Maxi Wax – Cleaner Wax
Product Number (s): MK2000, MK2001, MK20012

Manufactured By: CRC Industries, Inc. (215) 674-4300
885 Louis Drive, Warminster, PA 18974
24-Hour Emergency Information: CHEMTREC (800) 424-9300

Section 2: Composition/Information on Ingredients

Component	CAS NUMBER	ACGIH TLV	OSHA PEL	OTHER LIMITS	%
Kaolin Clay	66402-68-4	10 mg/m3	15 mg/m3	10 mg/m3	10-15
Aliphatic Hydrocarbon Blend	8052-41-3	100 ppm	500 ppm	350 mg/m3	30-40
	64742-56-7	NE	NE	NE	
VM&P Naphtha	64742-89-8	NE	NE	NE	1-5
Morpholine	110-91-8	20 ppm	20 ppm	20 ppm	1-3
Crystalline Silica	14808-60-7	0.05 mg/m3	0.1 mg/m3	NE	1-5

Section 3: Hazards Identification

Emergency Overview

Appearance & Odor: Opaque white pasty liquid, waxy odor.

CAUTION: Harmful if swallowed. Avoid breathing vapors. May irritate eyes and skin.

Potential Health Effects:

- Inhalation:** Inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness and/or asphyxiation. Aspiration of material into lungs may result in chemical pneumonitis which can be fatal.
- Eyes:** Contact with eyes can cause irritation, redness, tearing blurred vision, and/or swelling.
- Skin:** Contact with skin can cause irritation, (minor itching, burning, and/or redness), dermatitis, de-fatting; may be readily absorbed through the skin.
- Ingestion:** Ingestion can cause gastrointestinal irritation, nausea, vomiting, diarrhea. May be toxic.

Carcinogenicity: OSHA: Yes IARC: Yes NTP: Yes

Chronic Overexposure: Overexposure to this material has apparently been known to cause the following effects in lab animals: respiratory system, eyes, skin, kidney and liver damage.

Medical Conditions Aggravated by Exposure: Unknown

Section 4: First Aid Measures

Inhalation: Remove to fresh air. Contact physician if breathing becomes difficult or condition persists.

Eyes: Flush with large amounts of water for at least 15 minutes. Consult a physician.

Skin: Remove contaminated clothing and wash area with soap and water.

Ingestion: If ingested, do not induce vomiting. Give victim a glass of water. Call a physician immediately.

Section 5: Fire-Fighting Measures

Flashpoint: 110°F Method: Set a flash LEL: ND UEL: ND

Extinguishing Media: Water

Hazardous Combustion Products: Unknown

Fire-fighting Instructions: Firefighters wear self-contained breathing apparatus. Fight like fuel oil fire.
Warning: Closed containers exposed to high temperatures such as fire conditions may rupture.

NFPA: Health: 2 Flammability: 2 Reactivity: 1

HMIS: Health: 2 Flammability: 2 Reactivity: 1 PPE: B

Section 6: Accidental Release Measures

Spill/Leak Procedures: Area should be ventilated. Remove sources of ignition. Absorbent should be used to pick up excess material. All used and unused product should be disposed of in accordance with federal, state and local regulations.

Section 7: Handling and Storage

Handling Procedures: Use with adequate ventilation. Avoid contact with eyes and skin. Avoid breathing vapors.

Storage Procedures: Store in a cool, dry area. Keep away from heat, open flame or other sources of ignition. Keep out of reach of children!

Section 8: Exposure Controls/Personal Protection

Engineering Controls: Provide local ventilation adequate to prevent accumulation of vapors. Use mechanical means if necessary to maintain levels below the exposure limits. If working in a confined space, follow applicable OSHA regulations.

Respiratory: Use NIOSH/MSHA compliant respirators or self-contained breathing apparatus above exposure limits. Follow OSHA regulations 29 CFR 1910.134.

Protective Clothing/Equipment: Wear neoprene or other chemically protective gloves and safety glasses. Use a splash apron and boots if splashing occurs.

Section 9: Physical & Chemical Properties

Physical State:	Liquid	Appearance & Odor:	Opaque white pasty liquid, waxy odor.
Specific Gravity:	0.98	Boiling Point:	ND
Freezing Point:	ND	Vapor Pressure:	ND
Evaporation Rate:	< Ethyl Ether	Vapor Density (air = 1)	> 1
pH:	ND	Solubility:	Dispersible in water.
Volatile Organic Compounds:%:	81	g/L: 367	lbs./gal: 3.07

Section 10: Stability and Reactivity

Stability:	Stable	Hazardous Polymerization:	No
Chemical Incompatibilities:	Strong acids, alkalis, and oxidizers.		
Conditions to Avoid:	Avoid open flames, sparks, heat, electrical and static discharge.		
Hazardous Decomposition Products:	Carbon Dioxide, Carbon Monoxide and Carbon.		

Section 11: Toxicological Information

Long-term toxicological studies have not been conducted for this product. However, morpholine has produced tumorigenic effects in laboratory animals.

Section 12: Ecological Information

Ecotoxicity:	No data available.
Environmental Fate:	No data available for biodegradation.

Section 13: Disposal Considerations

Disposal: This material, if discarded, meets the flammability characteristic and would be considered a hazardous waste under U.S. EPA RCRA regulations. If this product becomes mixed with other products, other hazardous waste classifications may become applicable. All disposal activities must comply with federal, state and local regulations. Contact your local or state environmental agency for specific rules. Do not dump into sewers, on the ground or into any body of water.

Section 14: Transportation Information

Shipping Name:	Consumer Commodity		
Hazard Class:	ORM-D	UN Number: NA	Packing Group: NA
Label:	NA	Placard: NA	
Special Provisions:	NA		

Section 15: Regulatory Information

TSCA:	All components are either listed under TSCA or are exempt.	
SARA Title III:	Section 311/312:	Acute, Chronic
	Section 313*:	None
CERCLA/Superfund (RQ):		NA
Extremely Hazardous Substances:		No
California Prop 65:		No

* See section 2 for percentage

Section 16: Additional Information

Prepared By:	Michelle Milburn	Date:	November 3, 2003
Technical Information:	(800) 521-3168	CRC #:	MK2000 / MK2001 / MK20012

This information is accurate to the best of CRC Industries' knowledge or obtained from sources believed by CRC to be accurate. Before using any product, read all warnings and directions on the label.

CAS:	Chemical Abstract Service	NA:	Not Applicable
ppm:	Parts per Million	ND:	Not Determined
TCC:	Tag Closed Cup	NE:	Not Established
LEL:	Lower Explosive Limit	g/L:	grams per Liter
UEL:	Upper Explosive Limit	lbs./gal:	pounds per gallon
PPE:	Personal Protection Equipment	RQ:	Reportable Quantity