

MATERIAL SAFETY DATA SHEET

Section 1: Product & Company Identification

Product Name: Marykate Trewax Hull Cleaner
Product Number (s): MK67

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/m ³	15 mg/m ³	10 mg/m ³	1-5
Mineral Spirits	8052-41-3	100 ppm	500 ppm	350 mg/m ³	1-5
Hydro-Treated Petroleum Oil	64742-52-5	NE	500 ppm	NE	1-3
Crystalline Silica	14808-60-7	0.1 mg/m ³	10 mg/m ³	NE	1-5
	1317-95-5	0.1 mg/m ³	5 mg/m ³	NE	5-10
Mineral Seal Oil	64741-44-2	5 mg/m ³	NE	NE	1-5
Isopropanol	67-63-0	400 ppm	400 ppm	400 ppm	1-5
Amorphous Silica	7631-86-9	5 mg/m ³	NE	6 mg/m ³	1-5

Section 3: Hazards Identification

Emergency Overview

Appearance & Odor: Opaque tan viscous liquid.

CAUTION: Harmful or fatal if swallowed. May cause eye and skin irritation.

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. Harmful or fatal if swallowed.

Carcinogenicity: OSHA: No IARC: Yes NTP: Yes

Chronic Overexposure: Overexposure to this material has apparently been known to cause the following effects in lab animals: Central nervous system effects, kidney effects.

Medical Conditions Aggravated by Exposure: ND

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 physician if irritation persists.

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

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

Note to Physician: Severe lung aspiration hazard.

Section 5: Fire-Fighting Measures

Flashpoint: 117°F Method: Seta flash LEL: ND UEL: ND

Extinguishing Media: Water

Hazardous Combustion Products: Closed containers exposed to high temperatures such as fire conditions may rupture.

Fire-fighting Instructions: Firefighters wear self-contained breathing apparatus. Fight like fuel oil fire.

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 breathing vapors.

Storage Procedures: Keep out of reach of children! Store in a cool, dry area. Keep containers closed. Do not store near strong acids, alkalis, or oxidizers.

Section 8: Exposure Controls/Personal Protection

Engineering Controls: 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 chemically protective gloves and safety glasses. Use a splash apron and boots if splashing occurs.

Section 9: Physical & Chemical Properties

Product Name: Marykate Tre wax Hull Cleaner**Product Number (s): MK67**

Physical State:	Liquid	Appearance & Odor:	Opaque tan viscous liquid.
Specific Gravity:	1.08	Boiling Point:	ND
Freezing Point:	ND	Vapor Pressure:	ND
Evaporation Rate:	Slower than Ethyl Ether	Vapor Density (air = 1)	ND
pH:	ND	Solubility:	Insoluble, but dispersible
Volatile Organic Compounds:%:	ND	g/L: 105	lbs./gal: 0.88

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. See Section 3 of this MSDS for acute symptoms of overexposure and carcinogenicity information.

Section 12: Ecological Information

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

Section 13: Disposal Considerations

Disposal: This material if discarded may be hazardous waste under U.S. EPA RCRA regulations. 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	UN Number:	NA	Packing Group:	NA
Hazard Class:	ORM-D	Placard:	NA		
Label:	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: July 1, 2003
Technical Information: (800) 521-3168 CRC #: MK67

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