

MATERIAL SAFETY DATA SHEET

Section 1: Product & Company Identification

Product Name: Marykate Marine Cleaner Wax
Product Number (s): MK8216, MK82128

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	%
Stoddard Solvent	8052-41-3	100 ppm	500 ppm	350 mg/m3	5-25
Hydrotreated Light Distillate	64742-48-9	1200 mg/m3	500 ppm	NE	5-25
Morpholine	110-91-8	20 ppm	20 ppm	20 ppm	0.5-2.5

Section 3: Hazards Identification

Emergency Overview

Appearance & Odor: Viscous soft paste with a mild banana odor.

CAUTION: May irritate eyes and skin.

Potential Health Effects:

Inhalation: May cause dizziness and difficulty breathing.
Eyes: Irritation, redness.
Skin: Irritation, de-fatting
Ingestion: Nausea, vomiting.

Carcinogenicity: OSHA: No IARC: No NTP: No

Chronic Overexposure: This substance may have effects on the central nervous system and liver.

Medical Conditions Aggravated by Exposure: None Known

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 15 minutes. If irritation persists, seek medical attention.
Skin: Remove contaminated clothing and wash area with soap and water.
Ingestion: Seek immediate medical attention. Do not induce vomiting.

Section 5: Fire-Fighting Measures

Flashpoint: 114°F Method: TCC LEL: ND UEL: ND
Extinguishing Media: Foam, Dry Chemical, Carbon Dioxide, Water, Fog
Hazardous Combustion Products: Vapors may form explosive mixture with air in confined areas.
Fire-fighting Instructions: Use self-contained breathing apparatus. Cool fire exposed containers and structure with water. Vapors are heavier than air and may travel along surfaces to a remote ignition source and flash back.

NFPA:	Health:	1	Flammability:	2	Reactivity:	0	
HMIS:	Health:	1	Flammability:	2	Reactivity:	0	PPE: B

Section 6: Accidental Release Measures

Spill/Leak Procedures: Dyke area to contain material. Area should be ventilated. Absorbent should be used to pick up excess material. Wash area with soap and water and rinse. All used and unused product should be disposed of in accordance with federal, state and local regulations.

Section 7: Handling and Storage

Handling Procedures: Wash hands after using. Keep out of reach of children.

Storage Procedures: Store in a cool, dry area. Keep containers closed.

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

Physical State:	Paste	Appearance & Odor:	Viscous soft paste with mild banana odor.
Specific Gravity:	0.978	Boiling Point:	<200 F
Freezing Point:	ND	Vapor Pressure:	18 mm Hg @ 68° F
Evaporation Rate:	Less than Butyl Acetate	Vapor Density (air = 1)	> 1
pH:	NA	Solubility:	Partial in water.
Volatile Organic Compounds:%:	ND	g/L: ND	lbs./gal: ND

Section 10: Stability and Reactivity

Stability: Stable Hazardous Polymerization: No

Chemical Incompatibilities: ND
 Conditions to Avoid: extreme temperatures
 Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide, and various hydrocarbons on combustion.

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
 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: None
 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 #: MK8216 / MK82128
 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