

MATERIAL SAFETY DATA SHEET

Section 1: Product & Company Identification

Product Name: Marykate Wash & Wax
Product Number (s): MK4816

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	%
Isopropyl Alcohol	67-63-0	400 ppm	400 ppm	400 ppm	1-5
Mixture of C12-C15 Alcohol Ethoxylates	68131-39-5	NE	NE	NE	15-25
Ammonium Salts	61789-77-3	NE	NE	NE	1-5
Siloxanes and Silicones	67923-07-3	NE	NE	NE	1-5

Section 3: Hazards Identification

Emergency Overview

Appearance & Odor: Pink liquid, slight alcohol odor

CAUTION: Harmful if swallowed.

Potential Health Effects:

- Inhalation:** Inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache
- 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.

Carcinogenicity: OSHA: No IARC: No NTP: No

Chronic Overexposure: Overexposure to this material has apparently been known to cause the following effects in lab animals: fetotoxic effects, 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.

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

Ingestion: Call a physician immediately. Do not induce vomiting unless told to do so by a physician. Give victim a glass of water.

Section 5: Fire-Fighting Measures

Flashpoint: >200°F Method: Seta flash LEL: ND UEL: ND
Extinguishing Media: CO₂, water, foam, dry chemical
Hazardous Combustion Products: Unknown
Fire-fighting Instructions: Cool fire exposed containers with water spray. Firefighter should wear OSHA/NIOSH approved self-contained breathing apparatus. Warning: Closed containers exposed to high temperatures such as fire conditions may rupture.

NFPA: Health: 2 Flammability: 1 Reactivity: 0
HMIS: Health: 2 Flammability: 1 Reactivity: 0 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, and other sources of ignition. Keep out of reach of children!

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 rubber gloves and safety glasses. Use a splash apron and boots if splashing occurs.

Section 9: Physical & Chemical Properties

Physical State: Liquid Appearance & Odor: Pink liquid, slight alcohol odor
Specific Gravity: 0.99 Boiling Point: ND

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Freezing Point:	ND	Vapor Pressure:	ND
Evaporation Rate:	Slower than Ethyl Ether	Vapor Density (air = 1)	> 1
pH:	ND	Solubility:	Complete in water.
Volatile Organic Compounds:%:	ND	g/L: 32	lbs./gal: 0.3

Section 10: Stability and Reactivity

Stability:	Stable	Hazardous Polymerization:	No
Chemical Incompatibilities:	Strong acids, alkalis		
Conditions to Avoid:	Avoid open flames, heat.		
Hazardous Decomposition Products:	Carbon Dioxide, Carbon Monoxide Carbon, oxides of Nitrogen and HCL.		

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:	Not regulated		
Hazard Class:	NA	UN Number:	NA
Label:	NA	Placard:	NA
Special Provisions:	NA	Packing Group:	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:	Yes (trace amounts of ethylene oxide)

* See section 2 for percentage

Section 16: Additional Information

Prepared By: Michelle Milburn Date: July 2, 2003

Technical Information: (800) 521-3168 CRC #: MK4816

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