

MATERIAL SAFETY DATA SHEET

Section 1: Product & Company Identification

Product Name: MaryKate® Spray Away
Product Number (s): MK2832, MK2822, MK28128, MK2850, MK28550, MK2804, 76283
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	%
2-Butoxy Ethanol	111-76-2	20 ppm	50 ppm	5 ppm	1-10
Sodium Xylenesulfonate	1300-72-7	NE	NE	NE	18 - 25
Sodium Metasilicate	6834-92-0	NE	NE	NE	<5
Alkylphenol Ethoxylate Surfactant	9016-45-9	NE	NE	NE	1-10
Monoethanolamine	141-43-5	3 ppm	3 ppm	3 ppm	1 - 10
Water	7732-18-5	NE	NE	NE	55-65

Section 3: Hazards Identification

Emergency Overview

Appearance & Odor: Blue-green liquid, glycol ether odor.

Caution: May cause eye irritation.

Potential Health Effects:

Inhalation: Irritation to nose and throat. May cause headaches.
Eyes: Irritation
Skin: Irritation
Ingestion: Vomiting, diarrhea.
Carcinogenicity: OSHA: No IARC: No NTP: No
Chronic Overexposure: May be damaging to eyes and skin.
Medical Conditions Aggravated by Exposure: Dermatitis

Section 4: First Aid Measures

Inhalation: Remove to fresh air. Give artificial respiration if necessary.
Eyes: Flush with large amounts of water for 15 minutes.
Skin: Remove contaminated clothing and wash area with soap and water.
Ingestion: Call a physician. Induce vomiting on the advice of a physician.

Section 5: Fire-Fighting Measures

Product Name: MaryKate® Spray Away

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Flashpoint: None Method: TCC LEL: ND UEL: ND
Extinguishing Media: None normally needed
Hazardous Combustion Products: NA
Fire-fighting Instructions: Remove containers from fire area if possible. Use self-contained breathing apparatus for fire fighting.

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

Section 6: Accidental Release Measures

Spill/Leak Procedures: Area should be ventilated. Dyke area to contain spill. 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: Wash hands after use.

Storage Procedures: Store in a cool, dry area. Keep out of reach of children!

Section 8: Exposure Controls/Personal Protection

Engineering Controls: Provide 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 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:	Blue-green liquid, glycol ether odor
Specific Gravity:	1.07	Boiling Point:	212°F
Freezing Point:	ND	Vapor Pressure:	ND
Evaporation Rate:	slow	Vapor Density (air = 1)	ND
pH:	12.9	Solubility:	Soluble in water.
Volatile Organic Compounds:%:	6.0	g/L: 64	lbs./gal: 0.54

Section 10: Stability and Reactivity

Product Name: MaryKate® Spray Away

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Stability: Stable Hazardous Polymerization: No
Chemical Incompatibilities: Strong oxidizers, strong acids
Conditions to Avoid: None
Hazardous Decomposition Products: None

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.

Section 14: Transportation Information

PART #(S):	MK2832, MK2822, MK28128				
Shipping Name:	Consumer Commodity				
Hazard Class:	ORM-D	UN Number:	NA	Packing Group:	NA
Label:	NA	Placard:	NA		
Special Provisions:	NA				

PART #(S):	MK2850, MK28550				
Shipping Name:	Corrosive Liquids, N.O.S. (Sodium Metasilicate)				
Hazard Class:	8	UN Number:	1760	Packing Group:	III
Label:	Corrosive	Placard:	Corrosive	Special Provisions:	NA

Section 15: Regulatory Information

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

* See section 2 for percentage

Section 16: Additional Information

Product Name: MaryKate® Spray Away

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Prepared By: Michelle Milburn Date: April 7, 2004

Technical Information: (800) 521-3168 CRC #: 660

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

ppm: Parts per Million

TCC: Tag Closed Cup

LEL: Lower Explosive Limit

UEL: Upper Explosive Limit

PPE: Personal Protection Equipment

COC: Cleveland Closed Cup

NA: Not Applicable

ND: Not Determined

NE: Not Established

g/L: grams per Liter

lbs./gal: pounds per gallon

RQ: Reportable Quantity