

MATERIAL SAFETY DATA SHEET

(Prepared according to 29 CFR 1910.1200)

Date Prepared: 1-9-01

HAZARD RATING 4-EXTREME 3-HIGH 2-MODERATE 1-SLIGHT 0-INSIGNIFICANT	Fire	0	Reactivity
	1	0	
	Health	0	Special
		0	

SECTION 1 - PRODUCT IDENTIFICATION

Company Name <i>Chemical Maintenance, Inc.</i>	Emergency Telephone No. 800-535-5053
Address 1100 Bloomington Rd Champaign, IL 61821	Information Telephone No. 800-252-3248
Product Name / ID# <i>Crusader (5368)</i>	Product Type Floor Finish <input checked="" type="checkbox"/> Proprietary Product

SECTION 2 - HAZARDOUS INGREDIENTS

Chemical Name/Common Name	Cas No.	Percent (optional)	TLV (Source)
*Diethylene Glycol Methyl Ether	111-77-3	< 7%	NE
*Dibutyl Phthalate	84-74-2	< 3%	5 mg/m ³ (ACGIH)

* Substances Contains no substances - subject to the reporting requirements of SARA 313 and 40 CFR Part 372.

SECTION 3 - PHYSICAL DATA

Boiling Point (°F) 212°F approx.	Specific Gravity (H ₂ O=1.0) 1.027 ± 0.005	pH 8.6 ± 0.5	% VOC (ww) 6.5%
Solubility In Water <input type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input checked="" type="checkbox"/> Emulsifiable or (Dispersible) <input type="checkbox"/> Slight (or Partial)	Evaporation Rate (vs H ₂ O) <input type="checkbox"/> Faster <input type="checkbox"/> Slower <input checked="" type="checkbox"/> About the Same	Vapor Pressure NE	Vapor Density NE
Appearance and Odor Thin white opaque liquid, slight amine odor.			

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (T.C.C.) <input checked="" type="checkbox"/> None to boiling	Flammable Limits Upper NA	Lower NA
Extinguishing Media NA	Special Fire Fighting Procedures NA	Unusual Fire Explosion Hazards NA

SECTION 5 - REACTIVE DATA

Stability Stable	Incompatibility None
Hazardous Decomposition Products None	

SECTION 6 - HEALTH HAZARDS

Threshold Limit Value Product See Section 2 for Ingredients TLV <input checked="" type="checkbox"/> None Established <input type="checkbox"/> Not Applicable	Primary routes of Exposure <input checked="" type="checkbox"/> Eyes <input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Oral <input type="checkbox"/> Inhalation
Signs Symptoms of Over-exposure (Acute) Prolonged contact may cause skin irritation. May cause irritation or burning sensation to the eyes. May be irritating to digestive system if swallowed.	
Signs Symptoms of Over-exposure (Chronic) Unknown	
Medical Conditions Aggravated by Over-exposure Unknown	
Carcinogen/Suspected Carcinogen Ingredients: <input type="checkbox"/> NTP <input type="checkbox"/> IARC <input type="checkbox"/> OSHA <input checked="" type="checkbox"/> None	

SECTION 7 - FIRST AID PROCEDURES - (If any Condition persists - Consult a physician.)

Eyes Flush with water for 10 minutes.
Skin Flush with water for 10 minutes. Remove any contaminated clothing.
Ingestion Drink large quantities of water to dilute contents. Call a physician.
Inhalation NA

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection None
Ventilation requirements <input type="checkbox"/> Local Exhaust <input type="checkbox"/> Mechanical NA
Protective Gloves Rubber gloves if prolonged contact. Eye Protection Safety glasses.
Other Protective Clothing Chemical apron when handling large volumes of material.

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken if Released or Spilled Contain spill. Mop up, rinse with water.

Waste Disposal Methods Flush into sanitary sewer system in accordance with all government regulations.

SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in handling and Storage Keep from freezing. Keep out of reach of children. Wash thoroughly after handling.
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