

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for the specific requirements.

U. S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTIFY (As used on label) FX2		NOTE: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate it.	
Section I			
Manufacture's Name CHEMENCE INC		Emergency Telephone Number 1-800-424-9300 (International Number) 703-527-3887	
Address (Number, Street, City, State and ZIP Code) 185 BLUEGRASS VALLEY PARKWAY ALPHARETTA, GA 30005-2222		Telephone Number for Information (770)-664-6624 Data Prepared 4/7/05 Signature of Preparer (Optional)	
Section II – Hazardous Ingredients/Identity Information			
Hazardous Components (Specify Chemical Identity: Common Name(s) OSHA PEL ACGIH TLV Other Limits Recommended % Optional)			
Polyglycol Dimethacrylate		(109-16-0)	60 – 65
Aromatic Dimethacrylate Ester		(24448-20-2)	30 – 35
Surfactant		(Proprietary)	1 – 3
Cumene Hydroperoxide*		(80-15-2)	1 – 3
Saccharin		(81-07-2)	0.1 – 1
*Listed as SARA Section 313 Toxic Chemical			
Section III – Physical/Chemical Characteristics			
Boiling Point	>300°F	Specific Gravity (H2O =1) 20°C	1.09
Vapor Pressure (mm Hg)	Less than 5mmHG @ 72°F	Melting Point	N/A
Vapor Density (AIR = 1)	N/DA	Evaporation Rate (Butyl Acetate = 1)	N/DA
Solubility in Water	Negligible		
Appearance and Odor	Clear, colorless to straw with a mild odor.		
Section IV – Fire and Explosion Hazard Data			
Flash Point (Method Used)	>200°F TCC	Flammable Limits	LEL N/DA UEL N/DA
Extinguishing Media: Dry chemical, CO2, foam.			
Special Fire Fighting Procedures: Wear suitable protective equipment. Water may be ineffective in fire fighting due to low solubility. Use water/spray fog for cooling. Explosion proof electrical equipment.			
Unusual Fire and Explosion Hazards: N/A			
Section V – Health Hazard Data			
Threshold Limit Value: Cumene hydroperoxide 1ppm (6mg/m3) Skin (WEEL); ACGIH & OSHA: none			
Effects of overexposure: May cause irritation to eyes, respiratory system and skin. May cause sensitization by skin contact. Prolonged/repeated exposure can result in significant absorption.			
Emergency and First Aid Procedures: Eyes: Rinse eyes immediately with plenty of water for 20-30 mins. Obtain medical attention. Skin: Wash skin with plenty of soap and water for 15 min. If sticky, use a waterless cleaner first. Seek medical attention if irritation develops. Inhalation: Remove to fresh air and give O2/artificial respiration as necessary. Ingestion: Do not induce vomiting, give water to drink. Seek medical attention.			

Section VI – Reactivity Data			
Stability	Unstable		Conditions to Avoid: High temperatures, direct sunlight, oxidizing conditions, freezing conditions and UV radiation. (Under normal conditions)
	Stable	X	
Incompatibility (<i>Materials to avoid</i>) As below.			
Hazardous Decomposition Products: Acrid smoke, fumes of CO, CO ₂ and small quantities of NO _x .			
Hazardous Polymerization	May occur	X	Conditions to Avoid: If over-catalyzed or insufficiently aerated after catalyzation. This polymerization is exothermic.
	Will not occur		
Section VII – Spill or Leak Procedures			
Steps to be taken in case material is to be released or spilled: Evacuate/limit access. Ensure adequate protective equipment. Kill all ignition sources. Plug sewer/public water outlets. Blanket large spill with fire fighting foam and remove/recover. Absorb small spill with inert material (sand, sawdust etc.). Wash area.			
Waste Disposal Method: Contaminated product/soil/water may be hazardous waste due to the potential for internal heat generation. Landfill solids at permitted sites. Use registered transporters. Burn concentrated liquids in systems that use compatible fuel. Ensure emissions comply with regulation. Dilute aqueous waste may be biodegradable. Ensure effluent complies with applicable regulations.			
Section VIII – Special Protective Information			
Respiratory Protection (<i>Specify Type</i>) For high concentrations: Approved air purifying or supplied air respirator in positive mode.			
Ventilation	Local Exhaust	Recommended	Special None
	Mechanical	Not Applicable	Other None
Protective Gloves: Chemical resistant gloves.		Eye Protection: Splash goggles or Safety Glasses.	
Other Protective Equipment: N/A			
Section IX – Special Precautions			
Precautions to be taken in handling and storing: Store in air atmosphere, sheltered from light and at temperatures <35°C. Avoid proximity of flames and heat sources. Prevent freezing, prevent moisture contact. Store in original closed containers.			
Other Precautions: Keep away from strong oxidizers, radiation and other initiators. Avoid long storage times.			
Section X – Regulatory Information			
All components are listed or are exempt from listing on the TSCA Inventory and the DSL			
CA Proposition 65: Warning! This product contains or may contain trace chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.			
Estimated HMIS Code: Health Hazard (2) Fire Hazard (1) Reactivity (2)			
Section XI – Transportation Information			
DOT (49 CFR 172) Unrestricted			
IATA: Unrestricted			
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