

MATERIAL SAFETY DATA SHEET


SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: MFT GUM REMOVER		WHMIS Classification: SLIGHT	
Product Use: Gum Remover			
Manufacturer's Name: CALIFORNIA CHEMICAL CORP (CALCHEM)		Suppliers Name	
Street Address: 2915 29TH AVENUE SW #E		Street Address	
City: TUMWATER	Province / State: WA	City	Province
Zip Code: 91766	Emergency Telephone: 800-535-5053	Postal Code	Emergency Telephone
Date MSDS Prepared: APRIL 2010	MSDS Prepared by: .CALIFORNIA CHEMICAL (CALCHEM)		Phone Number: 360-786-0364

SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients (<i>specific</i>)	%	CAS Number	LD ₅₀ of Ingredient (<i>specify species and route</i>)	LC ₅₀ of Ingredient (<i>specify species</i>)
Denatured Alcohol	3	64-17-5	3450 mg/kg oral mouse	2000 PPM/10H
C9-C11 Linear Primary Alcohol Ethoxylate	3	68439-46-3	1400 mg/kg (oral rat)	N/AV
Propylene Glycol	6	57-55-6	20 g/kg (oral rat)	N/AV
Water	88	7732-18-5	N/AV	N/AV

SECTION 3 - HAZARDS IDENTIFICATION

Route of Entry <input checked="" type="checkbox"/> Skin Contact <input type="checkbox"/> Skin Absorption <input checked="" type="checkbox"/> Eye Contact <input type="checkbox"/> inhalation <input checked="" type="checkbox"/> Ingestion
[Emergency Overview]
[WHMIS Symbols] 
[Potential Health Effects] prolonged or repeated exposure can cause drying, defatting and Dermatitis of the skin.

SECTION 4 - FIRST AID MEASURES

Skin Contact Flush with copious amounts of potable water. Seek medical attention immediately.
Eye Contact Flush with copious amounts of potable water. If irritation persists seek medical attention immediately.
Inhalation Remove to fresh air, if discomfort persists obtain medical attention.
Ingestion Do not induce vomiting. Give lots of water or milk. Seek medical attention.

SECTION 5 - FIRE FIGHTING MEASURES

Flammable <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		If yes, under which conditions?
Means of Extinction As for surrounding Fire. Normal Fire - Fighting Procedures		
Flashpoint (°C) and Method N/AP	Upper Flammable Limit (% by volume) N/AP	Lower Flammable Limit (% by volume) N/AP
Autoignition Temperature (°C) None	Explosion Data - Sensitivity to Impact N/AP	Explosion Data - Sensivity to Static Discharge NO
Hazardous Combustion Products None		
[NFPA] NONE		

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures Rinse with water and let dry

SECTION 7 - HANDLING AND STORAGE

Handling Procedures and Equipment container tightly closed when not in use.	Keep
Storage Requirements Store in well ventilated area.	

SECTION 8 - EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits <input checked="" type="checkbox"/> N/AV <input type="checkbox"/> ACGIH TLV <input type="checkbox"/> OSHA PEL <input type="checkbox"/> Other (<i>specify</i>)
Specific Engineering Controls (such as ventilation enclosed process) General ventilation normally adequate
Personal Protective Equipment <input checked="" type="checkbox"/> Gloves <input checked="" type="checkbox"/> Respirator <input type="checkbox"/> Eye <input type="checkbox"/> Footwear Clothing Other
If checked, please specify type Rubber or neoprene For spills or overexposure NIOSH Approved, organic vapour cartridges. Chemical splash goggles. Impervious

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State Liquid	Odour and Appearance Natural citrus odour. Clear light amber solution	Odour Threshold (ppm) N/AV
Specific Gravity 1.02 + 0.01	Vapour Density (air = 1) 4.1	Vapour Pressure (mmHg) 1.7 mmHg
Evaporation Rate 0.22	Boiling Point (°C) >100°C	Freezing Point (°C) <0°C
pH 11.5 + 5 at 1% sol	Coefficient of Water / Oil Distribution 100% water soluble	[Solubility in Water] 100%

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If no, under which conditions?
Incompatibility with Other Substances <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, which ones? Strong oxidizing agents.
Reactivity, and under what conditions? None	
Hazardous Decomposition Products None	

SECTION 11 - TOXICOLOGICAL INFORMATION

Effects of Acute Exposure Inhalation, eye, skin contact. May cause burns.	
Ingestion may cause burns to mouth & throat & abdomen.	
Effects of Chronic Exposure Prolonged or repeated exposure can cause drying, defatting and dermatitis of the skin.	
Irritancy of Product Skin and eye	
Skin Sensitization N/AV	Respiratory Sensitization
Carcinogenicity -IARC No	Carcinogenicity - ACGIH No
Reproductive Toxicity N/A	Teratogenicity N/AV
Embryotoxicity	Mutagenicity N/AV
Name of Synergistic Products / Effects N/AV	

SECTION 12 - ECOLOGICAL INFORMATION

Aquatic Toxicity	Mobility: N/A	Persistence: N/A	Bioaccumulative: N/A
Aquatic Toxicity: Acute fish toxicity. LD ₅₀ =138 mg/L/96 hours. Mosquito fish			
Acute Crustaceans Toxicity= N/A		Acute Algae Toxicity= N/A	
BOD and COD = N/A. Other information: Material is practically non toxic to fish on an acute basis.			


SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal	According to local, state and federal government requirements

SECTION 14 - TRANSPORT INFORMATION

Special Shipping Information	
Normal procedures: Keep from freezing	PIN
TDG	[DOT]
[IMO]	[ICAO]

SECTION 15 - REGULATORY INFORMATION

[WHMIS Classification] Class D Div 2 Materials Causing Other Toxic Effects	[OSHA]
	
[SERA]	[TSCA]
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by CPR	

SECTION 16 - OTHER INFORMATION

Notice to Reader:
To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.