



MATERIAL SAFETY DATA SHEET

Section 1. Chemical Product and Company Identification

Flo-Kem
19402 Susana Road
Rancho Dominguez, CA 90221

Name: Gum Remover
Identity: Solvent Cleaner
Product Code: 5450

Emergency Telephone #:
CHEMTEL (800)-255-3924

Section 2. Hazards Identification

Classification: Physical: Flammable Liquid
Health: Irritant
Environmental: ND

HEALTH	1
FLAMMABILITY	1
ENVIRONMENTAL	0

Acute: Eyes: Moderately irritating to the eyes upon direct contact.
Skin: Minimally irritating to the skin.
Ingestion: Harmful if swallowed. May cause gastrointestinal irritation with symptoms of nausea, vomiting and diarrhea.
Inhalation: Vapors may be irritating to nose, throat and respiratory tract.
Chronic: None known.

Section 3. Composition, Information on Ingredients

Hazardous Component > 1%:	CAS Number:	% By Weight:
Poly(Oxyethylene(Dimethylimino)Ethyene(Dimethylimino)Ethyene Dichloride)ethylene Glycol Octylphenyl Ether	9038-19-5	1-5
Synthetic Isoparaffinic Hydrocarbon	64742-47-8	95-99

Section 4. First Aid Measures

Have product container or label with you when calling a poison control center, doctor, or going for treatment.

Eyes: Flush eyes with large amounts of water, lifting upper and lower eyelids. If irritation persists, obtain medical attention.
Skin: Wash off with plenty of water. Remove contaminated clothing and wash before reuse. If irritation persists, get medical attention.
Ingestion: Do not induce vomiting. Rinse mouth with water, then give one to two glasses of water if victim is conscious. Obtain medical attention immediately.
Inhalation: Remove to fresh air. Keep the victim lying down, quiet and warm. Obtain medical attention.

Section 5. Fire Fighting Measures

Extinguishing Media: Foam, water fog, dry chemical, CO2. Do not use a direct stream of water.

Special Fire Fighting Procedures: Prevent breathing vapors. Wear SCBA and impervious protective clothing.

Specific Hazards Arising from the Chemical: Lighter than water; water-immiscible combustible liquid. Liquid is volatile and gives off invisible vapors and may surface to ignition sources where they may ignite and explode. Combustible products include complex mixture of airborne solids, liquids and gases including carbon monoxide, carbon dioxide, and unidentified organic compounds.

Product Code: 5450

Material Safety Data Sheet

Gum Remover

Section 6. Accidental Release Measures

Small Spills: Absorb into neutral medium. Extinguish potential ignition sources. Collect spill material in a properly labeled container for later disposal.

Large Spills: Same as small spill. Dike area and absorb into neutral material or pump up. Flush traces with plenty of water. Do not let run-off enter drains or bodies of water.

Section 7. Handling and Storage

Handling and Storage: Store in a cool, dry well-ventilated area. Keep container tightly closed when not in use.

Other Precautions: Keep out of reach of children. FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY.

Section 8. Exposure Control / Personal Protection

Component:	CAS Number:	PEL:	TLV:	IDLH:
Poly(Oxyethylene(Dimethylimino)Ethylene(Dimethylimino)Ethylene Dichloride)ethylene Glycol Octylphenyl Ether	9038-18-5	TWA-10 mg/M ³	TWA-10 mg/M ³	
Synthetic Isoparaffinic Hydrocarbon	64742-47-8	TWA- mg/M ³ 1200	TWA- mg/M ³ 1200	

Respiratory Protection: Not normally indicated when used as directed. Use NIOSH approved air purifying respirator if significant vapor, mist, or aerosol is generated. Recommended if experiencing respiratory irritation.

Ventilation: Use in well-ventilated areas only.

Mechanical/Engineering (General): Not normally indicated when used as directed.

Protective Gloves: Impervious; rubber, vinyl or PVC.

Eye Protection: Chemical safety goggles.

Protective Clothing: Chemical resistant clothing - Long pants, sleeves, apron, boots.

Work/Hygiene Practices: The recommendations described in this section are provided as general guidance for minimizing exposure when handling this product. Because use conditions will vary, depending upon customer applications, specific safe handling procedures should be developed by persons knowledgeable of the intended use conditions and equipment.

Section 9. Physical and Chemical Properties

Appearance and Odor: Clear light yellow liquid, lemon odor.

pH: NA	Boiling Point: ≥424° F	Specific Gravity: 0.785 ± 0.010	Melting/Freezing Point: NA
Solubility: Negligible	Vapor Pressure (mm Hg.): <0.1	Vapor Density (Air = 1): ND	Evaporation Rate (H₂O = 1): ND
Flash Point (TCC): 177°F	% LEL: 0.6	% UEL: 4.9	Flammable Limits: ND
			VOCg/L: CARB EXEMPT

Section 10. Stability and Reactivity

Stability: Stable.

Hazardous Polymerization: Will not occur.

Incompatibility (Materials to Avoid): Strong oxidizing agents.

Hazardous Decomposition Byproducts: Oxides of carbon.

Conditions to Avoid: None

Product Code: 5450

Material Safety Data Sheet

Gum Remover

Section 11. Toxicological Information

Carcinogenicity: NTP No IARC No OSHA No

Component:	LD50 Oral:	LC50 Inhalation:	LD50 Dermal:
Surfactant Mixture, Polyethylene Glycol Octylphenyl Ether, Poly(Ethylene Oxide)	>4000 mg/kg - rat- typical for this family of material.	No data available.	> 3000 mg/kg - rabbit- typical for this family of material.
Other Toxicological Data			
Surfactant Mixture, Polyethylene Glycol Octylphenyl Ether, Poly(Ethylene Oxide)	No data available.		

Section 12. Ecological Information

Environmental toxicity:

Component:	Toxicity to fish:	Toxicity to aquatic invertebrates:	Toxicity to aquatic plants and micro-organisms:
Surfactant Mixture, Polyethylene Glycol Octylphenyl Ether, Poly(Ethylene Oxide)	No data available.	EC50 1.0-8.4 mg/L 48H daphnia magna	IC50 500-3600 mg/L 16H bacterial micro organisms
Other Ecological Data			
Surfactant Mixture, Polyethylene Glycol Octylphenyl Ether, Poly(Ethylene Oxide)	No data available.		

Product Code: 5450

Material Safety Data Sheet

Gum Remover

Section 13. Disposal Considerations

Disposal: Dispose in accordance with Federal, State, and Local Requirements.

Section 14. Transportation Information

DOT Not Regulated in less than 119 gallon containers.

Reportable Quantity:

Section 15. Regulatory Information

SARA Section 311/312 (40 CFR 370) Hazard Categories:

Acute Hazard:	Yes	Pressure Hazard:	No		
Chronic Health:	No	Reactive Hazard:	No	Fire Hazard:	Yes

SARA 313: No

CERCLA Hazardous Substances:

None

State Regulations:

California: This product contains the following chemical(s) known to the State of California to cause cancer, birth defects or reproductive harm:

None

Section 16. Other Information

This document is generated for the purpose of distributing health, safety, and environmental data. The information and recommendations are presented in good faith and believed to be from reliable sources, however, the information is provided without any warranty, expressed or implied, regarding its completeness or accuracy. Some information is from sources other than direct test data on the material itself. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and for this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with handling, storage, use, or disposal of the product.

ALL NON-EMERGENCY QUESTIONS SHOULD BE DIRECTED TO CUSTOMER SERVICE (310) 632-7124

NA = Not Applicable

NE= Not Established

ND= Not Determined

Issue Date: 12/16/2011

Supersedes:

12/8/2011