

3M

HC #02

MATERIAL SAFETY
DATA SHEET

3M
3M Center
St. Paul, Minnesota
55144-1000
1-800-364-3577 or (651) 737-6501 (24 hours)

I-229914
C-8610
ORM-D

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I-223357
C-8611
ORM-D

DIVISION: SKIN HEALTH DIVISION

TRADE NAME:

3M REMOVER LOTION

ID NUMBER/U.P.C.:

41-3701-0433-7 - - - 70-2006-4978-1 +H-44429-26238-0
70-2006-4979-9 +H-44429-26339-0 70-2006-5921-0 +H-44439-32650-0
70-2006-6399-8 +H-44440-38250-0

ISSUED: June 17, 1999

SUPERSEDES: February 05, 1998

DOCUMENT: 05-9463-0

1. INGREDIENT	C.A.E. NO.	PERCENT
ISOPROPYL ALCOHOL.....	67-63-0	60 - 100
WATER.....	7732-18-5	7 - 13
SODIUM STEARATE.....	822-16-2	3 - 7
GLYCEROL MONOLAURATE.....	27215-38-9	3 - 7
ZINC STEARATE.....	Unknown	3 - 7
PHENYLTRIS(TRIMETHYLSILOXY)SILANE.....	2116-84-9	1 - 5
SODIUM THIOSULFATE, PENTAHYDRATE.....	13102-17-7	1 - 5
GLYCEROL MONOSTEARATE.....	31566-31-1	1 - 5
CALCIUM CHLORIDE DIHYDRATE.....	10035-04-8	0.5 - 1.5

Limits changed to conform to Canadian regulations.

2. PHYSICAL DATA

BOILING POINT:..... N/D
VAPOR PRESSURE:..... N/D
VAPOR DENSITY:..... N/D
EVAPORATION RATE:..... N/D
SOLUBILITY IN WATER:..... moderate
SPECIFIC GRAVITY:..... ca. 0.8 g/ml
PERCENT VOLATILE:..... ca. 67 % by wt
pH:..... N/A
VISCOSITY:..... N/D
MELTING POINT:..... N/A

Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

2. PHYSICAL DATA (continued)

APPEARANCE AND ODOR:

Slurry, WHITE WITH THE ODOR OF ISOPROPANOL

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... 63 F
FLAMMABLE LIMITS - LEL:..... N/D
FLAMMABLE LIMITS - UEL:..... N/D
AUTOIGNITION TEMPERATURE:..... N/D

EXTINGUISHING MEDIA:

Water spray

SPECIAL FIRE FIGHTING PROCEDURES:

For leaks or spills which have not ignited, water spray can be used to disperse the flammable vapor and protect personnel attempting to stop the leak.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Closed containers exposed to heat from fire may build pressure and explode.

NFPA HAZARD CODES: HEALTH: 1 FIRE: 3 REACTIVITY: 0
UNUSUAL REACTION HAZARD: none

OSHA FIRE HAZARD CLASS: Class IB Flammable Liquid

4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:

Information missing.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:

Information missing.

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5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:

Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Ventilate area. Extinguish all ignition sources. Contain spill. Cover with inorganic absorbent material. Cover spill area with Light Water Brand or other A/C foam. (For further information on A/C foam usage, contact 3M Fire Protection Systems.) Collect spilled material. Collect using non-sparking tools. Place in a U.S. DOT-approved container.

RECOMMENDED DISPOSAL:

Incinerate in a permitted hazardous waste incinerator.

ENVIRONMENTAL DATA:

Not determined.

REGULATORY INFORMATION:

Volatile Organic Compounds: ca. 67 %.
VOC Less H₂O & Exempt Solvents: N/A.

EPCRA HAZARD CLASS:

FIRE HAZARD: Yes PRESSURE: No REACTIVITY: No ACUTE: Yes CHRONIC: Yes

6. SUGGESTED FIRST AID

EYE CONTACT:

Immediately flush eyes with large amounts of water. Get immediate medical attention.

SKIN CONTACT:

No need for first aid is anticipated.

INHALATION:

If signs/symptoms occur, remove person to fresh air. If signs/symptoms continue, call a physician.

IF SWALLOWED:

Do not induce vomiting. Drink two glasses of water. Call a physician.

7. PRECAUTIONARY INFORMATION

EYE PROTECTION:

Avoid eye contact with vapor, spray, or mist. Wear safety glasses with side shields.

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7. PRECAUTIONARY INFORMATION (continued)

SKIN PROTECTION:
Not applicable.

RECOMMENDED VENTILATION:
Use in a well-ventilated area.

RESPIRATORY PROTECTION:
Avoid breathing of vapors.

PREVENTION OF ACCIDENTAL INGESTION:
Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water.

RECOMMENDED STORAGE:
Store at room temperature. Keep container closed when not in use.

FIRE AND EXPLOSION AVOIDANCE:
Flammable liquid and vapor. Keep away from heat, sparks, open flame, and other sources of ignition. No smoking while handling this material. Vapors may ignite explosively.

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
ISOPROPYL ALCOHOL.....	400	PPM	TWA	ACGIH	
ISOPROPYL ALCOHOL.....	500	PPM	STEL	ACGIH	
ISOPROPYL ALCOHOL.....	400	PPM	TWA	OSHA	
ISOPROPYL ALCOHOL.....	500	PPM	STEL	OSHA	
WATER.....	NONE	NONE	NONE	NONE	
SODIUM STEARATE.....	10	MG/M3	TWA	ACGIH	
	as total dust				
GLYCEROL MONOLAUATE.....	NONE	NONE	NONE	NONE	
ZINC STEARATE.....	NONE	NONE	NONE	NONE	
PHENYLTRIS(TRIMETHYLSILOXY)SILANE....	NONE	NONE	NONE	NONE	
SODIUM THIOSULFATE, PENTAHYDRATE.....	NONE	NONE	NONE	NONE	
GLYCEROL MONOSTEARATE.....	10	MG/M3	TWA	ACGIH	
	as total dust				
CALCIUM CHLORIDE DIHYDRATE.....	NONE	NONE	NONE	NONE	

* SKIN NOTATION: Listed substances indicated with 'Y' under SKIN refer to the potential contribution to the overall exposure by the cutaneous route including mucous membrane and eye, either by airborne or, more particularly, by direct contact with the substance. Vehicles can alter skin absorption.

SOURCE OF EXPOSURE LIMIT DATA:

- ACGIH: American Conference of Governmental Industrial Hygienists
- OSHA: Occupational Safety and Health Administration

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EXPOSURE LIMITS (continued)

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*

- NONE: None Established					

B. HEALTH HAZARD DATA

EYE CONTACT:

Moderate Eye Irritation: signs/symptoms can include redness, swelling, pain, tearing, and hazy vision.

SKIN CONTACT:

Mild Skin Irritation (after prolonged or repeated contact): signs/symptoms can include redness, swelling, and itching.

INHALATION:

Irritation (upper respiratory): signs/symptoms can include soreness of the nose and throat, coughing and sneezing.

WHILE THE FOLLOWING EFFECTS ARE ASSOCIATED WITH ONE OR MORE OF THE INDIVIDUAL INGREDIENTS IN THIS PRODUCT AND ARE REQUIRED TO BE INCLUDED ON THE MSDS BY THE U.S. OSHA HAZARD COMMUNICATION STANDARD, THEY ARE NOT EXPECTED EFFECTS DURING FORESEEABLE USE OF THIS PRODUCT.

Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, incoordination, slowed reaction time, slurred speech, giddiness and unconsciousness.

IF SWALLOWED:

Ingestion is not a likely route of exposure to this product.

WHILE THE FOLLOWING EFFECTS ARE ASSOCIATED WITH ONE OR MORE OF THE INDIVIDUAL INGREDIENTS IN THIS PRODUCT AND ARE REQUIRED TO BE INCLUDED ON THE MSDS BY THE U.S. OSHA HAZARD COMMUNICATION STANDARD, THEY ARE NOT EXPECTED EFFECTS DURING FORESEEABLE USE OF THIS PRODUCT.

Irritation of Gastrointestinal Tissues: signs/symptoms can include pain, vomiting, abdominal tenderness, nausea, blood in vomitus, and blood in feces.

Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, muscular weakness, incoordination, slowed reaction time, fatigue, blurred vision, slurred speech, giddiness, tremors and convulsions.

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SECTION CHANGE DATES

HEADING SECTION CHANGED SINCE February 05, 1990 ISSUE

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