

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

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DIVISION: MEDICAL-SURGICAL MARKETS DIVISION

TRADE NAME:

ULTRATHON INSECT REPELLENT Cat. 631 (lotion)

U.P.C. Number:

00-51131-58192-0	+H-44428-6073A-0	00-51131-59182-5	00-51131-59298-3
00-51131-59428-9	00-51131-59713-1	+H-44439-4463D-0	00-51131-60498-3
00-21200-86792-2	00-51131-62003-7	00-51131-62121-8	00-51131-64076-9
00-51131-62121-8	00-51131-59090-8	00-51131-64087-5	00-51131-64094-3
00-51131-65272-4	00-51131-66815-2		

ISSUED: September 27, 2000

SUPERSEDES: September 14, 2000

DOCUMENT: 11-3853-6

1. INGREDIENT	C.A.S. NO.	PERCENT
INERT INGREDIENTS.....	Unknown	66.67
N,N-DIETHYL M-TOLUAMIDE.....	134-62-3	31.58
OTHER ISOMERS.....	Unknown	1.75

2. PHYSICAL DATA

BOILING POINT:..... > 95 F
 VAPOR PRESSURE:..... < 16 psia
 VAPOR DENSITY:..... N/A
 EVAPORATION RATE:..... N/D

SOLUBILITY IN WATER:..... N/A
SPECIFIC GRAVITY:..... 0.995 - 1.035 g/cc
PERCENT VOLATILE:..... > 76.00 % by wt
pH:..... 6.90 - 7.80
VISCOSITY:..... 150000.0 - 300000.0 centipoise ASTM
MELTING POINT:..... N/D

APPEARANCE AND ODOR:
lotion/cream, white, like deet

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

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3. FIRE AND EXPLOSION HAZARD DATA

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

EXTINGUISHING MEDIA:
FOAM, DRY CHEMICAL, CO2, WATER SPRAY

SPECIAL FIRE FIGHTING PROCEDURES:
NA

UNUSUAL FIRE AND EXPLOSION HAZARDS:
NONE

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

4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:
NA

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:
NONE

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:

OBSERVE PRECAUTIONS FROM OTHER SECTIONS. COLLECT SPILLED MATERIAL.
CLEAN UP ANY RESIDUE. PLACE IN AN APPROVED METAL CONTAINER AND SEAL.

RECOMMENDED DISPOSAL:

DISPOSE OF SMALL QUANTITIES OF 2 OZ. TUBES (<100). IN A SANITARY
LANDFILL. DISPOSE OF BULK PRODUCT AND LARGER TUBE QUANTITIES IN A
FACILITY PERMITTED TO ACCEPT CHEMICAL WASTES. DISPOSAL ALTERNATIVE:
INCINERATE BULK PRODUCT OR WASTE TUBES IN AN INDUSTRIAL, COMMERCIAL
OR MUNICIPAL INCINERATOR. SINCE REGULATIONS VARY, CONSULT APPLICABLE
REGULATIONS OR AUTHORITIES BEFORE DISPOSAL. U.S. EPA HAZARDOUS WASTE
NO.: NONE.

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5. ENVIRONMENTAL INFORMATION (continued)

ENVIRONMENTAL DATA:
NOT DETERMINED

REGULATORY INFORMATION:

Volatile Organic Compounds: 350.00 gms/liter.

VOC Less H2O & Exempt Solvents: N/D.

EPCRA HAZARD CLASS:

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

6. SUGGESTED FIRST AID

EYE CONTACT:

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

SKIN CONTACT:

Discontinue use if irritation occurs.

INHALATION:

No need for first aid is anticipated.

IF SWALLOWED:

Drink two glasses of water. Call a physician.

7. PRECAUTIONARY INFORMATION

EYE PROTECTION:

Avoid eye contact.

SKIN PROTECTION:

If irritation occurs, discontinue use.

RECOMMENDED VENTILATION:

Not applicable.

RESPIRATORY PROTECTION:

Not applicable.

PREVENTION OF ACCIDENTAL INGESTION:

Do not ingest.

RECOMMENDED STORAGE:

Not applicable.

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 7. PRECAUTIONARY INFORMATION (continued)

FIRE AND EXPLOSION AVOIDANCE:

Not applicable.

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
INERT INGREDIENTS.....	NONE	NONE	NONE	NONE	
N,N-DIETHYL M-TOLUAMIDE.....	NONE	NONE	NONE	NONE	
OTHER ISOMERS.....	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:

- NONE: None Established

 8. HEALTH HAZARD DATA

EYE CONTACT:

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

SKIN CONTACT:

Practically Non-toxic by Skin Contact.

INHALATION:

No adverse health effects are expected from inhalation exposure.

IF SWALLOWED:

Swallowing a relatively large amount of this material is unlikely to produce serious illness or death.

OTHER HEALTH HAZARD INFORMATION:

In rare occasions children have had reactions characterized by diarrhea and vomiting from gross overexposure to Deet, the active ingredient in this product. Follow instructions on the product label.

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SECTION CHANGE DATES

HEADING SECTION CHANGED SINCE September 14, 2000 ISSUE

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