

MATERIAL SAFETY DATA SHEET (Page 1 of 3)

CoreTex Products, Inc.
5307 Cameron Court
Bakersfield, CA 93309

Emergency Number: 661-833-1572

Information Number: 661-833-1572

PRODUCT NAME: BugX Deet Insect Repellent Towelette

EPA REG. NO.: 305-29-74289

PRODUCT CODE: N/A DATE PREPARED: 5/1/02

HMIS: 131B

PREPARED BY: Brad Bierman

Health Hazard:.....1

Fire Hazard:.....3

Reactivity:.....1

Personal Protection:.....1

HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Material	CAS#	%	OSHA PEL	ACGIH	OSHA TWA	ACGIH STEL
N, N-diethyl-meta-toluamide	134-62-3	52.25	N/E	N/E	N/E	N/E
Other isomers		27.50	N/E	N/E	N/E	N/E
Alcohol	67-63-0	<22.00	N/E	N/E	400ppm	500ppm

N/E = NOT ESTABLISHED

HEALTH HAZARDS

Acute Inhalation: Vapors and mist may irritate the nose and throat. Inhalation of higher concentrations may cause headaches, nausea and coma.

Eye Contact: Vapors may irritate the eyes. Liquid and mist can severely irritate or damage the eyes and cause corneal burns.

Skin Contact: Do not apply to severely sunburned or damaged skin. May cause skin irritation in rare case.

Ingestion: Swallowing large amounts causes headaches, nausea, vomiting, stomach cramps, diarrhea and perhaps unconsciousness.

Primary Routes of Entry: Inhalation, skin contact and ingestion.

Systemic & Other Effects: May cause CNS disturbances. There have been a handful of isolated cases of adverse systemic effects associated with excessive exposure to DEET. Most of these cases have involved long term high dosage use of DEET on children.

Medical Conditions Aggravated by Exposure: Persons with pre-existing skin disorder, eye problems or impaired respiratory function may be more susceptible to the effects of this substance.

Chemicals Listed as Carcinogens or Potential Carcinogens: None Known.

Comments: Unnecessary exposure to this product, or any chemical, should be avoided.

EMERGENCY FIRST AID PROCEDURES:

Inhalation: Remove to fresh air. If irritation persists, seek medical attention

Skin: Wash with soap if irritation occurs. If irritation persists, seek medical attention.

Eyes: Flush well with water. Avoid contact with eyes/lips. If irritation persists, seek medical attention.

Oral: Contact Poison Control Center. If conscious, give several glasses of water to and induce vomiting.

PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT: Not determined. **SPECIFIC GRAVITY:** N/A
VAPOR PRESSURE: Not determined. **PERCENT VOLATILE BY VOLUME:** Not determined.
EVAPORATION RATE: Not determined. **SOLUBILITY IN WATER:** Partial.
APPEARANCE AND ODOR: Colorless to pale yellow liquid on disposable towelette. Odor of Deet and alcohol.

REACTIVITY DATA:

STABILITY: Stable

INCOMPATIBILITY (Material to Avoid): Strong oxidizing agents, halogens and aldehyses. Contact with strong acids and bases may cause hydrolysis. Do not use on Rayon, Acetate or Dynel clothing. It will have a softening effect on most plastics and some paint/varnishes. Do not use on leather.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION: Incomplete combustion may produce oxides of nitrogen and carbon.

CONDITIONS TO AVOID: Extreme temperatures, fire, flames or sparks.

FIRE AND EXPLOSION HAZARDS

FLASH POINTS: Estimated 60 ° F (COC) liquid **AUTO IGNITION:** Not determined.

FLAMMABILITY LIMITS IN AIR, % BY VOL.: Not determined.

EXTINGUISHING MEDIA: Foam, CO₂ dry chemical.

UNUSUAL FIRE OR EXPLOSION HAZARDS: None known.

SPECIAL FIRE FIGHTING PROCEDURES: None.

SAFE HANDLING AND USE

SPILL RESPONSE: Absorb with suitable material, keep away from source of ignition, ventilate area.

WASTE DISPOSAL AND PRECAUTIONS: Contact your Local State and Federal Regulations concerning health and pollution to determine approved disposal procedures.

HANDLING AND STORING PRECAUTIONS: Store in cool, dry location.

OTHER PRECAUTIONS: Read and follow directions on product label. Good practice requires that gross amounts of any chemical be removed from the skin as practical, especially before eating or smoking.

PROTECTION MEASURES:

RESPIRATORY PROTECTION: None normally required.

VENTILATION: Use only in a well ventilated area.

PROTECTIVE EQUIPMENT: Not required with normal use. Keep our of eyes.

SKIN: Do not expose treated skin to fire, sparks or flame until liquid has evaporated.

EMERGENCY NUMBER: 1-661-833-1572

COMMENTS: Do not get in eyes or mouth. Wash with soap and water after use.

SPECIAL PRECAUTIONS

HANDLING AND STORAGE: Store in cool, dry location

OTHER PRECAUTIONS: Read and follow directions on product label.

REGULATORY REQUIREMENTS: This product has been reviewed according to EPA "Hazard Categories" promulgated under Section 313 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

a fire hazard

SARA 313 INFORMATION: This product contains the following substances subject to the reporting requirements of Section 313 Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR Part 372:

CHEMICAL NAME	CAS NUMBER	CONCENTRATION
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None

Note: This date represents typical values, not product specifications. No guarantee of accuracy or completeness is made. No responsibility is assumed for any kind of loss or damages arising from use of this data. The aforementioned effects are based on the evaluation of individual components and the relevancy to the product as a whole is unknown.