

MAXI DEET BOV

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1 PRODUCT AND COMPANY IDENTIFICATION

Supplier/Manufacturer Sawyer Products, Inc. Telephone No.: 800-356-7811
PO Box 188
Safety Harbor, FL 34695 Emergency tel. number: 800-424-9300

Trade name: Premium Maxi Deet Insect Repellent
Model numbers: SP774
CAS number: 134-62-3
Primary product use: Insect repellent
Chemical family: N,N-Diethyl-3-methylbenzamide

2 HAZARDS IDENTIFICATION

Route of Entry: Eyes - Yes Skin - Yes Inhalation - Yes Ingestion - Unlikely
Target Organs: Eyes; Skin;
Inhalation: No significant adverse health effects are expected to occur upon short-term exposure
Skin Contact: May cause irritation.
Eye Contact: May cause irritation.
Ingestion: Not a normal route of exposure.

GHS Signal Word:
WARNING



GHS Hazard Pictograms:

GHS Classifications:
Physical, Gases Under Pressure
Health, Acute toxicity, 4 Oral
Health, Skin corrosion/irritation, 2
Health, Serious Eye Damage/Eye Irritation, 2 A
Environmental, Hazards to the aquatic environment - Chronic, 3

GHS Phrases:
H229 – Pressurized container: may burst if heated
H280 – Contains gas under pressure; may explode if heated
H302 - Harmful if swallowed
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H412 - Harmful to aquatic life with long lasting effects



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GHS Precautionary Statements:

- P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
- P264 - Wash skin thoroughly after handling.
- P270 - Do not eat, drink or smoke when using this product.
- P273 - Avoid release to the environment.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- P302+352 - IF ON SKIN: Wash with soap and water.
- P330 - Rinse mouth.
- P332+313 - If skin irritation occurs: Get medical advice/attention.
- P337+313 - Get medical advice/attention.
- P362 - Take off contaminated clothing and wash before reuse.
- P501 - Dispose of contents/container to approved waste disposal plant.

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COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Percentage	Chemical Name
134-62-3	>98 %	Benzamide, N,N-diethyl-3-methyl-

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FIRST AID MEASURES

- Inhalation:** Move to fresh air and keep at rest. Call a physician if symptoms develop and persist.
- Skin Contact:** Wash with soap and water. If skin irritation persists, call a physician immediately. Remove contaminated clothing and wash before reuse.
- Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
- Ingestion:** Rinse mouth. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low to avoid getting into the lungs. Call a poison control center if large amounts are ingested. Never give anything by mouth to an unconscious person.

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FIRE FIGHTING MEASURES

Flammability:	Not flammable
Flash Point:	NA
Flash Point Method:	NA
Burning Rate:	NA
Autoignition Temp:	NA
LEL:	NA
UEL:	NA



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ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition. Ruptured cylinders may rocket.

Environmental Precautions: Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). This material is a water pollutant. Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.

Methods for Containment: Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for Clean-Up: Vacuum or sweep material and place in a disposal container. Allow gas to dissipate harmlessly into the atmosphere.

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HANDLING AND STORAGE

Handling Precautions: Avoid breathing vapors or mist. Avoid contact with eyes, skin, or clothing. Avoid contact with eyes, skin, or clothing.

Storage Requirements: Protect container and its fittings from physical damage. Store in cool/dry area.

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EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94).

Use ventilation adequate to keep exposures below recommended exposure limits.

Personal Protective Equip: Chemical safety glasses; Gloves;

INGREDIENTS	EXPOSURE LIMITS		
	OSHA-PEL	ACGIH-TLV	OTHER
Benzamide, N,N-diethyl-3-methyl-	Contains no components with Occupational exposure limit values		

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PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colorless to slightly yellow	Odor:	Mild
Physical State:	Liquid	Molecular Formula:	ND
Odor Threshold:	ND	Solubility:	ND
Particle Size:	ND	Softening Point:	ND
Spec Grav./Density:	0.982	Percent Volatile:	0%
Viscosity:	ND	Heat Value:	ND
Sat. Vap. Conc.:	ND	Freezing/Melting Pt.:	ND
Boiling Point:	111 C (232 F)	Flash Point:	ND
Flammability:	Not flammable	Octanol:	ND
Partition Coefficient:	ND	Vapor Density:	ND
Vapor Pressure:	ND	VOC:	0%
pH:	4.96	Bulk Density:	ND
Evap. Rate:	ND	Auto-Ignition Temp:	ND
Molecular weight:	ND	UFL/LFL:	ND
Decomp Temp:	ND		

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STABILITY AND REACTIVITY

Stability:	Product is stable under normal conditions.
Conditions to Avoid:	Do not puncture or incinerate container.
Materials to Avoid:	Strong Oxidizing Agents. Strong Bases; Strong Acids;
Hazardous Decomposition:	Not known.
Hazardous Polymerization:	Will not occur.

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TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye contact
Skin contact
Ingestion

Acute toxicity

Acute oral toxicity	: LD50 1,892 mg/kg (rat)
Acute inhalation toxicity	: LC50 (Rat): 5.95 mg/l Exposure time: 4 h
Acute dermal toxicity	: LD50 >3,000 mg/kg (rabbit)
Primary eye irritation	: Causes substantial but temporary eye injury
Primary skin irritation	: Non-irritating
Sensitization	: May cause allergic reaction after repeated contact.
Chronic effects	: No data available
Carcinogenicity	: No data available
Mutagenicity	: No data available
Reproductive effects	: No data available
Teratogenicity	: No data available
Ecotoxicity	: No data available
Germ cell mutagenicity	: In vitro tests did not show mutagenic effects



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12 ECOLOGICAL INFORMATION

Toxicity
Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - 110 mg/l - 96.0 h
Toxicity to daphnia and other aquatic invertebrates
EC50 - Daphnia magna (Water flea) - 75 mg/l - 48 h
12.2 Persistence and degradability
no data available
12.3 Bioaccumulative potential
no data available
12.4 Mobility in soil
no data available
12.5 Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
12.6 Other adverse effects
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Harmful to aquatic life.

13 DISPOSAL CONSIDERATIONS

Use material for its intended purpose or recycle if possible. This material, if it must be discarded, may meet the criteria of a hazardous waste as defined by US EPA under RCRA (40 CFR 261) or other State and local regulations. Measurement of certain physical properties and analysis for regulated components may be necessary to make a correct determination. If this material is classified as a hazardous waste, federal law requires disposal at a licensed hazardous waste disposal facility.

14 TRANSPORT INFORMATION

DOT (US) : UN1950 Aerosol, non-flammable hazard, Limited Quantity

IMDG : UN1950 Aerosol, non-flammable hazard

IATA : UN1950 Aerosol, non-flammable hazard

15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*Benzamide, N,N-diethyl-3-methyl- (134623 100%) TSCA

REGULATORY KEY DESCRIPTIONS

TSCA = Toxic Substances Control Act

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16 OTHER INFORMATION

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