



SAFETY DATA SHEET

•SECTION 1 - MANUFACTURER AND PRODUCT IDENTIFICATION•

WISCONSIN PHARMACAL COMPANY
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P.O. Box 198
Jackson, WI 53037

EMERGENCY NUMBER: 1-800-255-3924
(24 HOURS)
INFORMATION NUMBER: 1-800-558-6614
(BUSINESS HOURS)

PRODUCT NAME: 25% DEET Insect Repellent

PRODUCT CODE: PF7391, 7759

PRODUCT DESCRIPTION: Non-Aerosol Insect Repellent

PREPARED BY: K Mata

DATE UPDATED: 06-05-2025

EPA REG. NO.: 799533-8

HMIS: Health Hazard: 2

Fire Hazard: 3

Reactivity: 0

Personal Protective Equipment: B

COMMENTS: For information regarding MEDICAL EMERGENCIES OR PESTICIDE INCIDENTS, call the INTERNATIONAL POISON CENTER at 1-888-740-8712 24 hrs a day

•SECTION 2 - HAZARDS IDENTIFICATION•

Hazard classification	Hazard category	Hazards identification
Physical Hazard	Category 3	Flammable Liquid
Eye irritation	Category 2A	Causes serious eye irritation.

Signal Word(s)	 
WARNING	
Hazard Statements	Flammable liquid and vapor
	Causes serious eye irritation
Precautionary Statements	Keep away from heat, sparks, open flames and hot surfaces-No smoking
	Avoid release to the environment
	Wash hands thoroughly after handling. Wear eye protection.
	If on skin, wash with plenty of soap and water.
	If in eyes, rinse cautiously with water for several minutes. Remove contact lenses if present and easily done. Continue rinsing.
	If eye irritation occurs, get medical attention or advice.
	Take off contaminated clothing and wash before reuse.
	Dispose of contents / container in accordance with local/regional/national/international regulation for hazardous wastes.

•SECTION 3 – COMPOSITION INFORMATION ON INGREDIENTS•

Chemical name	CAS Number	Formula % (w/w)	GHS Classification	OSHA PEL	ACGIH TLV
N,N-Diethyl-m-toluamide (DEET)	134-62-3	25 %	Acute Toxicity, Category 4 (H302) Skin Irritant, Category 2 (H315) Eye Irritant, Category 2A (H319) Aquatic Acute, Category 3 (H412)	Not Est	Not Est
Ethyl Alcohol	64-17-5	30-35 %	Flammable Liquids, Category 2	1000 ppm	1000 ppm
Water	7732-18-5	40-50%	N/E	N/E	N/E

•SECTION 4 - FIRST AID PROCEDURES•

General advice:	First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). Immediately remove contaminated clothing.
If inhaled:	Keep patient calm, remove to fresh air and keep at a position comfortable for breathing. Get medical attention if feeling unwell.
If on skin:	Wash affected areas with water while removing contaminated clothing. If skin irritation or redness develops, seek medical attention.
If in eyes:	Wash affected eyes cautiously for at least 15 minutes under running water with eyelids held open. Remove contact lenses, if present and easily done. If irritation persists, seek medical attention.
If swallowed:	Rinse mouth and then drink plenty of water. Do not induce vomiting. Call a poison control center or doctor immediately for treatment advice.

•SECTION 5 – FIRE-FIGHTING MEASURES•

Suitable extinguishing media:	Water fog, alcohol resistant foam, CO ₂ , Dry chemical
Unsuitable extinguishing media for safety reasons:	None.
Hazards during fire-fighting:	Flammable liquid. Vapors are heavier than air and may travel to a source of ignition and flash back. Liquid run-off to sewers may create fire/explosion hazard.
Protective equipment for fire-fighting:	Wear a self-contained breathing apparatus and protective clothing. Normal fire fighting procedures may be followed.
Special flammability Hazards:	Containers may explode in heat of fire. Cool with water spray.

•SECTION 6 - ACCIDENTAL RELEASE MEASURES•

Personal precautions:	Remove all sources of ignition. Use personal protective clothing. Avoid breathing vapors, mist, or gas. Ensure adequate ventilation. Isolate area and exclude unprotected and unnecessary personnel. Wash thoroughly after handling.
Environmental precautions:	Notify proper authorities. Contain contaminated water/firefighting water. Do not discharge into waterways or sewer systems without proper authorization.
Cleanup:	If cans have ruptured, contain spillage with absorbent material such as sand, vermiculite or clay, and dispose into chemical waste container. Dispose contents and container according to local/regional/national regulations.

•SECTION 7 - HANDLING AND STORAGE•

General Handling advice:	Breathing of vapor or mists must be avoided. Avoid contact with eyes or lips. Use only as directed. Do not swallow. Handle open container with care. Do not eat, drink or smoke when using. KEEP OUT OF REACH OF CHILDREN.
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General Storage advice:	Store in tightly closed original containers in a cool, dry and well-ventilated place. Do not store above 120°F. Keep opened containers tightly closed.
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•SECTION 8 – EXPOSURE CONTROL AND PERSONAL PROTECTION•

The following applies to Industrial Settings only:

General safety and hygiene measures:	Read and follow label precautionary statements. Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Hands and/or face should be washed before breaks and at the end of the shift.
<u>Personal protective equipment:</u>	
Body protection:	Body protection must be chosen based on level of activity and exposure.
Eye protection:	Wear eye protection. Avoid eye contact.
Hand protection:	None required under normal conditions
Respiratory protection:	Use with adequate ventilation. General ventilation should be adequate for all normal use.

•SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES•

Form:	Liquid
Odor:	Ethanol and DEET odor
Color:	Clear to slight yellow
pH value:	8.0
Melting range:	No data available
Boiling point:	No data available
Vapor pressure:	No data available
Relative density:	0.94056 g/cm ³ @25°C
Vapor density:	No data available
Viscosity, dynamic:	8.36 cPs
Solubility in water:	Dispersible in water
VOC:	0 g/L (approx.)
Flash Point:	85°F

•SECTION 10 – STABILITY AND REACTIVITY•

Conditions to avoid:	Application to hot surfaces. Storage above 120°F. Exposure to flame. Pressurized container may explode.
Substances to avoid:	Strong oxidizing agents, strong bases.
Hazardous reactions:	The product is stable if stored and handled as prescribed or indicated. Do not mix with bleach or other household cleansers.
Decomposition products:	Irritating gases and vapors.
Hazardous polymerization:	Will not occur.

•SECTION 11 – TOXICOLOGICAL INFORMATION•

GHS Property	Classification	Route of Entry
Acute toxicity	No proposed classification	any
Irritation / corrosion	No proposed classification	any
Sensitization	No proposed classification	any
Mutagenicity:	No proposed classification	any

Reproductive or Developmental Toxicity:	No proposed classification	any
Carcinogenicity:	No proposed classification	any
Specific target organ toxicity:	No proposed classification	Any

COMMENT: None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA, or ACGIC as being carcinogens.

•SECTION 12 – ECOLOGICAL INFORMATION•

Aquatic invertebrates	Per GHS, this product is classified as an aquatic chronic toxicant, category 3.
Degradability / Persistence	No Data
Bioaccumulation potential:	Not expected to bioaccumulate.
Mobility:	Expected to have high soil mobility. It absorbs weakly to most soil types. Expected to have minimal mobility in the aquatic environment.

•SECTION 13 – DISPOSAL CONSIDERATIONS•

Dispose of in accordance with all local, state/provincial and federal regulations.

•SECTION 14 - TRANSPORT INFORMATION•

	Hazard class	Packing group	UN ID number	Proper shipping name
Land transport USDOT:	2.1 Ltd. Qty≤5L	III	UN 1170	Ethanol Solutions
Sea transport IMDG	2.1 Ltd. Qty ≤5L	III	UN 1170	Ethanol Solutions
Air transport IATA/ICAO	2.1 Ltd. Qty ≤5L	III	UN 1170	Ethanol Solutions

•SECTION 15 - REGULATORY INFORMATION•

Federal Regulations

Registration status:

TSCA, US	All components of this product are listed or are excluded from listing on the US Toxic Substances Control Act (TSCA) Chemical Substance Inventory.
CERCLA	Not available
CAA	Not available
CWA	Not available
SARA Components	None
SARA Hazards	None
SARA 313 Components	None

State regulations

State RTK	CAS Number	Chemical name
MA, NJ, PA	134-62-3	DEET
CA Proposition 65	None	

FIFRA Labeling	This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label: WARNING: - Causes substantial but temporary eye injury. - Harmful if swallowed. - Use of this product may cause skin reactions in rare cases. - Extremely flammable - Contents under pressure. - Exposure to temperatures above 120°F may cause bursting.
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•SECTION 16 - OTHER INFORMATION•

NFPA and HMIS use a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard; a rating of four indicates extreme danger. Although similar, the two rating systems are intended for different purposes, and use different criteria. The NFPA system was developed to provide emergency responders an on-the-spot alert to the hazards of a material and their severity. The HMIS system was designed to communicate workplace hazard information to employees who handle hazardous chemicals.

KEY/LEGEND: EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration.

LITERATURE REFERENCES: None

DISCLAIMER: This (M)SDS provides a brief summary of the physical and chemical characteristics of this product to guide usage and handling of the material. It is not a comprehensive document on worldwide hazard communication regulations. It is compiled from sources considered valid and accurate. Wisconsin Pharmacal assumes no responsibility for injury or damage resulting from misuse of the product.

2	HEALTH HAZARD
3	FIRE HAZARD
0	REACTIVITY
B	PPE

