

SECTION 1. IDENTIFICATION

Identification of the company:	Sawyer Products, Inc. PO Box 188 Safety Harbor, FL 34695 Telephone No.: 800-356-7811
	Information of the substance/preparation: BU ICS Product Stewardship 1-704-331-7710
	Emergency tel. number: +1 800-424-9300(CHEMTREC)

Trade name:	Ultra 30 Insect Repellent (EPA # 82810-1-58188)
Model numbers:	SP533, SP534
CAS number:	134-62-3
Primary product use:	Insect repellent It is a violation of federal law to use this product in a manner inconsistent with its labeling.
Chemical family:	N,N-Diethyl-3-methylbenzamide

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification : Not classified as a physical hazard

GHS Label element
Hazard pictograms



Signal word : Warning

Hazard statements : Causes serious eye irritation
: Harmful if swallowed
: May cause an allergic skin reaction

Precautionary statements : Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.
: If in eyes, hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
: If swallowed, call a poison control center or doctor immediately for treatment advice.

: IF ON SKIN: Wash with plenty of soap and water.
 : If skin irritation occurs: Get medical advice/ attention.
 : If eye irritation persists: Get medical advice/ attention.
 : Take off contaminated clothing and wash before reuse.
Disposal:
 : Dispose of contents/ container to an approved waste disposal plant.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**Hazardous components**

Chemical Name	CAS-No.	Concentration (%)
N,N-diethyl-m-toluamide	134-62-3	30

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

SECTION 4. FIRST AID MEASURES

General advice : Remove/Take off immediately all contaminated clothing. Get medical advice/ attention if you feel unwell.

If inhaled : No special requirements

In case of skin contact : Wash thoroughly with soap and water for 15 minutes. If skin irritation occurs, seek medical attention.

In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention immediately if irritation develops and persists.

If swallowed : Call a poison control center or doctor immediately for treatment advice. Have person sip water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed : The possible symptoms known are those derived from the labelling (see section 2). No additional symptoms are known.

Notes to physician : Probable mucosal damage may contraindicate the use of gastric lavage.

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Water spray jet
Alcohol-resistant foam
Dry powder
Carbon dioxide (CO₂)
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during firefighting : Emits toxic and corrosive fumes under fire conditions.
- Further information : Exercise caution when fighting any chemical fire. Use NIOSH approved self-contained breathing apparatus and protective clothing. Cool containers with water to prevent rupture due to pressure buildup.
- Special protective equipment for firefighters : Self-contained breathing apparatus
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SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Wear suitable protective equipment.
Ensure adequate ventilation.
Contain spill. All spills should be collected as liquid or absorbed on a suitable absorbant. Clean up should be accomplished by removal of contaminated soil or scrubbed with soap and water and cleaning wastes removed with absorbant materials. Wear proper protective equipment.
- Environmental precautions : The product should not be allowed to enter drains, water courses or the soil.
- Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Treat recovered material as described in the section "Disposal considerations".
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SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Observe the general rules of industrial fire protection
- Advice on safe handling : Do not store or handle product in the presence of heat, sparks, or open flame. Ground or bond container when transferring. Keep container closed when not in use. Avoid breathing vapor. Wear proper protective equipment.

- Conditions for safe storage : Keep only in the original container.
- Technical measures/Precautions : Store in original container.
- Materials to avoid : Do not store or transport together with foodstuffs

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Components with workplace control parameters**

No level has been established by OSHA, NIOSH, ACGIH.

- Engineering measures** : Use with local exhaust ventilation.

Personal protective equipment

Respiratory protection : If airborne concentrations pose a health hazard, become irritating, or exceed recommended limits, use a NIOSH approved respirator in accordance with OSHA respiratory protection requirements under 29CFR1910.134.

Hand protection

- Remarks : Rubber or plastic gloves

Eye protection : Tightly fitting safety goggles

Skin and body protection : Wear suitable protective equipment.
Wear suitable protective clothing.

Protective measures : Avoid contact with skin and eyes.
Do not inhale vapours

Hygiene measures : Observe the usual precautions for handling chemicals.
When using do not eat or drink.
Clean skin thoroughly after work; apply skin cream.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Color : Off White
- Physical State : Smooth Lotion
- Odor : Faint DEET
- Stability : NA - End Product

SAFETY DATA SHEET



30% DEET (N,N-DIETHYL-M-TOLUAMIDE)

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Oxidizing/Reducing Action	None. Does not contain any oxidizing or reducing agents.
Flammability (Flashpoint)	>200°F
Flame Extension	NA – Not Pressurized
Explosibility	None. Does not contain any explosive components.
pH	6.4
Viscosity	NA – Product is not fluid.
Melting Point	NA – End Product
Boiling Point	NA – End Product
Density (Specific Gravity)	0.976 g/ml (23°C)
Solubility	NA – End Product
Vapor Pressure	NA – End Product
Dielectric Breakdown Voltage	NA – Not for use in or around electrical equipment.
Dissociation Constant	NA – End Product
Octanol/Water Partition Coefficient	NA – End Product
Oxidizing properties	: There are no chemical groups associated with oxidizing properties present in the molecule.

SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No dangerous reaction known under conditions of normal use.
Chemical stability	: Stable
Possibility of hazardous reactions	: Reactions with acids, alkalies and oxidizing agents. Stable
Conditions to avoid	: Keep away from oxidizing agents. Keep away from strong bases. Keep away from strong acids.
Incompatible materials	: not known
Hazardous decomposition products	: When handled and stored appropriately, no dangerous decomposition products are known

SECTION 11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

Eye contact
Skin contact
Ingestion

Acute toxicity**Product:**

Acute oral toxicity	: LD50 >5,000 mg/kg (rat)
Acute inhalation toxicity	: LC50 (Rat): 6 mg/l
Acute dermal toxicity	: LD50 >5,000 mg/kg (rabbit)
Primary eye irritation	: Causes substantial but temporary eye injury
Primary skin irritation	: slightly irritating (rabbit)
Sensitization	: Not a sensitizer (guinea pig)
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

SECTION 12. ECOLOGICAL INFORMATION

No Ecotoxicological research has been carried out on this product.

Eco Toxicity: Data given in this section are for the pure active ingredient

EC50 (48h) Daphnia = 56 - 100 ppm, LC50 (96h) Oncorhynchus mykiss (rainbow trout) = 71.25 ppm, LC50 (96h) Pimephales promelas (fathead minnow) = 110 mg/L, LC50 Colinus virginianus (Northern bobwhite quail) = 1375 mg/kg.

Mobility: Not specified.

Persistence – degradability:

Data given in this section are for the pure active ingredient: No data available.

Not expected to bioaccumulate. Modeling suggests rapid degradation in the atmosphere; biodegradation data suggests moderate rate of biodegradation.

Bioaccumulative potential: Not specified.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

RCRA - Resource Conservation and Recovery

Authorization Act

Waste Code : NONE

Waste from residues : Disposal of waste product may be subject to federal, state, and local regulations. Refer to part 261 of 40 CFR for the applicability of federal regulations. Disposal of this material must be in a manner compliant with all federal, state and local regulations.

Contaminated packaging : Packaging that cannot be cleaned should be disposed of as product waste

SECTION 14. TRANSPORT INFORMATION

DOT not regulated
IATA not regulated
IMDG not regulated

SECTION 15. REGULATORY INFORMATION**EPCRA - Emergency Planning and Community Right-to-Know Act****CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : Acute Health Hazard

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : This product does not contain any toxic chemical listed under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986.

Clean Water Act

Contains no known priority pollutants at concentrations greater than 0.1%.

The components of this product are reported in the following inventories:

TSCA : All components of this product are listed on the TSCA Inventory. However, the primary use of this product is NOT subject to TSCA but rather to FIFRA and must comply with the FIFRA regulations.

Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECl (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

SECTION 16. OTHER INFORMATION**Further information**

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Observe national and local legal requirements

This chemical is a pesticide product registered by the EPA and is subject to certain labeling requirements under FIFRA. FIFRA requirements differ from GHS 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 FIFRA label:

Warning

Causes substantial but temporary eye injury.

Harmful if swallowed.

Harmful if absorbed through skin.

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This information is supplied under the OSHA Hazard Communication Standard, 29 CFR 1910.1200, and is offered in good faith based on data available to us that we believe to be true and accurate. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable to the material. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate for that use. No warranty, express or implied, is made regarding the accuracy of this data, the hazards connected with the use of the material, or the results to be obtained from the use thereof. We assume no responsibility for damage or injury from the use of the product described herein. Data provided here are typical and not intended for use as product specifications.

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