SAFETY DATA SHEET

1. Identification

Product Identifier

Trade name: Tailspin Mosquito and Tick Killer

Details of the supplier of the safety data sheet

Supplier:
W. Neudorff GmbH KG
An der Muhle 3
31860 Emmerthal, Germany
Emergency Phone Number: CHEMTREC 1-800-424-9300

2. Hazard Identification

GHS – US Classification

Acute Toxicity, oral Cat. 5	H303
Skin corrosion/irritation Cat. 2	H315
Skin sensitization Cat 1	H317
Serious eye damage/eye irritation Cat. 2A	H319

Signal Word: Warning

Hazard Statements:

H303	May be harmful if swallowed
H315	Causes skin irritation
H319	Causes serious eye irritation

Pictograms:



Precautionary Statements (Prevention):

P261	Avoid breathing dust/fume/vapors/spray
P264	Wash hands after handling.

P264 + P265	Wash hands thoroughly after handling. Do not be allowed out of the workplace.
P272	Contaminated work clothing should not be allowed out of the workplace
P280	Wear protective gloves/eye protection

Precautionary Statements (Response):

P301 + P317	IF SWALLOWED: get medical help.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332 + P317	If skin irritation occurs: Get medical advice/attention.
P337 + P317	If eye irritation persists: get medical advice/attention.
P362 + P364	Take off contaminated clothing and wash before reuse.

Precautionary Statements (Storage):

P403 + P233	Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements (Disposal):

P501	Dispose in a safe manner in accordance with local/national regulations

3. Composition/information on ingredients

Chemical characterization: Mixture

Components	CAS Number	% (w/w)
Peppermint oil	8006-90-4	2.5
Geraniol	106-24-1	3.5
Lemongrass Oil	8007-02-1	4.5
Sodium Lauryl Sulfate (30% solution)	151-21-3	12.0
Inert ingredients	-	to 100%

4. First-Aid Measure

Description of first aid measures

General: Take hazard and precautionary statements into account.
Inhalation: Remove person from exposure site and keep at rest. Obtain medical advice.
Skin: Remove contaminated clothes. Wash thoroughly with soap and water. Obtain advice if symptoms persists.
Eye: Immediately flush eyes with water for at least 15 minutes. Obtain medical advice.
Ingestion: Rinse mouth with water and obtain medical advice.
Most important symptoms and effects, both acute and delayed
No information available.
Indication of any immediate medical attention and special treatment needed.
Treat Symptomatically

5. Fire-Fighting Measures

Extinguishing media

Suitable Extinguishing Media: CO_2, dry chemical, dry sand, alcohol-resistant foam. Cool closed containers exposed to fire with water spray.
Special hazards arising from the substance or mixture: No further relevant information available.

Advice for firefighters

Firefighting instructions: Water may be ineffective.
Protection during firefighting: Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire-fighting clothing (includes fire-fighting helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal precautions: Avoid inhalation and contact with skin and eyes. A self-contained breathing apparatus is recommended in case of a major spill.

Environmental precautions: Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.

Methods and material for containment and cleaning up

Containment/Clean-Up Measures: Clean up spillage promptly. Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapors. Gross spillage should be contained by use of sand or inert powder and disposed of according to the local regulations.

7. Handling and Storage

Precautions for safe handling

Handling: Avoid excessive inhalation of concentrated vapors, contact with skin and eyes. Follow good manufacturing practices for housekeeping and personal hygiene. Wash any exposed skin immediately after any chemical contact, before breaks and meals and at the end of the work period. Contaminated clothing and shoes should be thoroughly cleaned before re-use. Keep away from ignition sources and naked flame.

Conditions for safe storage, including any incompatibilities

Storage: Store in a cool, dry ventilated area away from heat sources. Keep containers tightly closed when not in use.
Incompatible Materials: Strong oxidizing agents

8. Exposure Controls/Personal Protection

Control Parameters: If exposure limits exist, they are listed below. If no exposure limits are displayed, then no values are applicable.

Components with limited values that require monitoring at the workplace: Not required.

Exposure controls

Personal Protective Equipment

Pictograms: 

Respiratory: I If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure

supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
Eye/Face: Chemical goggles or safety glasses.
Skin/Body: Avoid skin contact. Use gloves chemically resistant to this material when prolonged or frequently repeated contact could occur.
General Industrial Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, or drinking. Safety shower and eye wash should be available close to work areas.
Environmental Exposure Controls: Follow best practice for site management and disposal of waste. Avoid release to the environment.

9. Physical and Chemical Properties

Appearance: Hazy, yellow liquid
Odor: Mint, floral
pH: Not applicable
Boiling Point: Not determined
Melting Point: Not available
Flash Point: To be determined
Flammability: To be determined
Decomposition Temperature: Not determined
Heat of Decomposition: Not determined
Danger of Explosion: Product does not present an explosion hazard
Upper explosion limits: Not determined
Lower explosion limits: Not determined
Vapor Pressure: Not applicable
Vapor Density: Not applicable
Evaporation Rate: Not applicable
Density @ 20ºC (68°F): 0.99 ± 0.03
Water Solubility: Emulsifiable
Partition coefficient (n-octanol/water): Not determined
Viscosity: Not determined

10. Stability and Reactivity

Reactivity: No hazards to be specifically mentioned.
Chemical Stability: No information available.
Possibility of Hazardous Reactions: No information available.
Conditions to avoid: Direct sources of heat.

Incompatible Materials: Avoid contact with strong acids, strong bases and strong oxidizers.
Hazardous Decomposition Products: Carbon monoxides and unidentified compounds may be formed during combustion.

11. Toxicological Information

Information on toxicological effects

Acute toxicity: LD_{50} (oral) Not available; LD_{50} (dermal) Not available

Routes of Entry

Skin: Causes skin irritation.
Eyes: Causes serious eye irritation.
Ingestion: May be harmful if swallowed.
Inhalation: May cause respiratory irritation.

Carcinogenic Categories

IARC (International Agency for Research on Cancer): Substance is not listed
NTP (National Toxicology Program): Substance is not listed

12. Ecological Information

Toxicity: No further relevant information available.
Persistence and Degradability: No further relevant information available.
Mobility in Soil: No further relevant information available.
Other Adverse Effects: Avoid release to the environment.

13. Disposal Considerations

Waste Treatment Methods: DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.

Product Waste: Dispose of content and/or container in accordance with local, regional, national, and/or international regulations

Packaging Waste: Dispose of content and/or container in accordance with local, regional, national, and/or international regulations

14. Transport Information

DOT Classification: Not regulated by US DOT Highway regulations.
U.S. Surface Freight Classification: NMFC item 155050, LTL Class: 60 Insecticide
UN Number: Non-Hazardous. Not regulated.
IMDG Class (sea): Non-Hazardous. Not regulated.
IATA Class (air): Non-Hazardous. Not regulated.
Marine Pollutant: No.
Packing Group: Not regulated.
Hazard Label(s): Non-Hazardous. Not regulated.
ADR Class (road): Not regulated.
Proper Shipping Name(s): Not regulated.
Reportable Quantity: None

15. Regulatory Information

Safety, Health, and Environmental Regulations/Legislation Specific for the Substance or Mixture

SARA: N/A
Section 355 (Extremely Hazardous Substance): Substance is not listed.
Section 313 (Specific Toxic Chemical Listings): Substance is not listed.
TSCA (Toxic Substance Control Act): Substance is not listed.

Proposition 65

Chemicals Known to Cause Cancer: Substance is not listed.
Chemicals Known to Cause Reproductive Toxicity for Females: Substance is not listed.
Chemicals Known to Cause Reproductive Toxicity for Males: Substance is not listed.
Chemicals Known to Cause Developmental Toxicity: Substance is not listed.
National Regulations: Substance is not listed.
State Right to Know: Substance is not listed.

Labeling requirements under FIFRA

Precautionary Statements: CAUTION: Keep out of reach of children and pets. Avoid direct contact with eyes and mouth. May be harmful if swallowed. May cause eye irritation or skin rash on sensitive skin types. Wash hands after use. Do not use if allergic to the product.

16. Other Information

Last Revision Date: October 13, 2026
Preparation Date: October 15, 2025

Disclaimer/Statement of Liability: The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of the need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.
Key to Abbreviations: