

MATERIAL SAFETY DATA SHEET**SECTION 1 CHEMICAL PRODUCT AND COMPANY INFORMATION**

Product Name: Totaline Wasp & Hornet Killer

Date Prepared Jul. 25, 2001

Product Number(s): P902-4016

Replaces Sep. 02, 1997

Product Use: Wasp & Hornet Killer

Company Name: North American Research Corporation

P.O. Box 1318

Lewisville, TX 75067

Telephone Numbers: (972) 492-1800, (800) 527-7520, Fax (972) 394-6755

Emergencies: Infotrac (800) 535-5053 (24 hours, everyday)

SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

OSHA Hazardous Components (29 CFR 1910.1200):

	CAS Registry No.	OSHA PEL	ACGIH TLV	Other Limits	% (Optional)
Aliphatic Hydrocarbon	64742-47-8	400 ppm	Not Est.	Not Est.	>35
Carbon Dioxide	124-38-9	10,000 ppm	5,000 ppm	Not Est.	>35

SECTION 3 HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW:**

CAUTION! Harmful if swallowed. Contains petroleum distillate. Causes slight eye irritation. Avoid contact with eyes and skin.

Contents under pressure. Overexposure and toxicity depend upon duration of exposure.

POTENTIAL HEALTH EFFECTS

INHALATION: Headaches, dizziness, nausea, and breathing problems

SKIN: Irritation or dryness

EYE: Irritation

INGESTION: Harmful if swallowed.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known

CHRONIC EFFECTS: None known

CARCINOGENICITY: OSHA: No IARC: No NTP: No

SECTION 4 FIRST AID MEASURES

INHALATION: Remove to fresh air. If breathing has stopped, administer artificial respiration. Contact physician or emergency medical facility immediately.

SKIN: Remove contaminated clothing and shoes. Wash contact area with soap and water for at least 15 minutes. Get medical attention if irritation develops or persists. Wash clothing before reuse.

EYES: Immediately flush eyes with large amounts of water for at least 15 minutes while frequently lifting the upper and lower eyelids. If irritation persists, call a physician.

INGESTION: DO NOT induce vomiting. Contact a physician or emergency medical facility immediately. Never give anything by mouth to an unconscious person.

SECTION 5 FIRE-FIGHTING MEASURES

FLASHPOINT: 150°F METHOD: TCC FLAMMABLE LIMITS: Not determined

AUTOIGNITION TEMP: Not determined

EXTINGUISHING MEDIA: Water, dry chemical, and foam

HAZARDOUS COMBUSTION PRODUCTS: CO₂ and carbon monoxide (fire)**FIRE FIGHTING INSTRUCTIONS**

Use flooding quantities of water as fog or spray to keep fire-exposed containers cool. Aerosol cans may explode if heated above 120°F.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Spill/Leak Procedures: Usually not a problem with aerosols. Area should be ventilated. Use absorbent to pick up excess material. All used and unused product should be disposed of in accordance with federal, state, and local regulations.

SECTION 7 STORAGE AND HANDLING

STORAGE CONDITIONS:

Store in labeled, original containers in a cool, dry, well-ventilated area. Replace aerosol over-cap when not in use. Do not remove or deface label. Keep aerosol cans below 120°F to avoid bursting.

HANDLING PROCEDURES:

Avoid contact with skin and avoid breathing vapors. Do not eat, drink, or smoke in work area. Wash hands before eating, drinking, or using the restroom. Any clothing or shoes which become contaminated should be removed immediately and thoroughly washed before wearing again. Do not use in poorly ventilated or confined spaces.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS: See section 2.

RESPIRATORY PROTECTION:

Wear NIOSH/MSHA approved respirator where exposure limits may be exceeded. Follow OSHA regulations 29 CFR 1910.134.

EYE PROTECTION:

Wear safety glasses, chemical splash goggles, and/or face shield (ANSI Z87.1 or approved equivalent).

HAND PROTECTION:

Wear solvent resistant gloves such as Viton, polyvinyl alcohol, or equivalent.

OTHER PROTECTION:

Use chemically resistant apron or other impervious clothing to avoid skin contact.

ENGINEERING CONTROLS (Ventilation):

Use in a well ventilated area equivalent to outdoors. Do not use in confined spaces. Local, mechanical exhaust may be necessary to maintain levels below exposure limits.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Colorless, clear liquid; slight petroleum odor

SPECIFIC GRAVITY: 0.8 @ 25/25°C

VAPOR PRESSURE: Not determined

VAPOR DENSITY: Not determined

SOLUBILITY IN WATER: negligible

pH: Not applicable

BOILING POINT: 162°F

EVAPORATION RATE (Butyl Acetate = 1): Not determined

SECTION 10 STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: Extreme temperatures and ignition sources (sparks, open flame, heated surfaces).

INCOMPATIBILITY (Materials to Avoid): Strong acids and oxidizers.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂

SECTION 11 TOXICOLOGICAL INFORMATION

Long-term toxicological studies have not been conducted for this product. See SECTION 3 of this MSDS for acute symptoms of overexposure and carcinogenicity information.

SECTION 12 ECOLOGICAL INFORMATION

No data available.

SECTION 13 DISPOSAL CONSIDERATIONS

Do not puncture or incinerate cans. This material, if discarded, may be a hazardous waste under U.S. EPA RCRA regulations. All disposal activities must comply with federal, state, and local regulations. Contact your local state environmental agency for specific rules. Do not dump into sewers, on the ground, or into any body of water.

SECTION 14 TRANSPORT INFORMATION

U.S. Department of Transportation:

Consumer Commodity, ORM-D

SECTION 15 REGULATORY INFORMATION

TSCA: All components of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

CERCLA: No reportable ingredients

SARA TITLE III:

Section 311/312 Hazard Category: Acute: Yes Chronic: No Fire: No Pressure: Yes Reactive Hazard: No

Section 313 Reportable Ingredients: None

CALIFORNIA (Proposition 65): Contains no Prop. 65 ingredients

SECTION 16 OTHER INFORMATION

NFPA RATING: Health – 2, Flammability – 2, Reactivity – 0

HMIS[®] RATING: Health – 2, Flammability – 2, Reactivity – 0

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