



SAFETY DATA SHEET

Product: MARC 145 STRIP-IT WEED KILLER

Form R04132

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER AND NAME: **MARC 145 STRIP-IT WEED KILLER**

SDS DATE: 12/21/18

SUPPLIER: Mid-American Research Chemical Corp.
EMERGENCY PHONE: InfoTrac 1-800-535-5053

ADDRESS: P. O. Box 927 Columbus, NE 68602-0927

RECOMMENDED USE: An aerosol non-selective spot weed killer for rapid knockdown and kill of most weeds and unwanted vegetation.

SECTION 2: HAZARDS IDENTIFICATION

CLASSIFICATION: Flammable Aerosol: Category 1

Liquefied Gas

Skin Irritant: Category 2

Eye Irritant: Category 2b

Aspiration Hazard: Category 1



HAZARD STATEMENT(S): DANGER: Extremely Flammable Aerosol Contains gas under pressure; May explode if heated. Causes skin and eye irritation. May be fatal if swallowed and enters airways.

This product contains the following percentage of chemicals of unknown toxicity: 0%

PRECAUTIONARY STATEMENTS: Keep away from heat, sparks, open flames, and hot surfaces. -No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50C/122F. Store in a well-ventilated place. Wash hands thoroughly after handling. Wear protective gloves. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting. Store locked up. Dispose of contents and container in accordance with local, state, and national regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Specific percentages may be claimed as a trade secret.

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>PERCENT</u>
Aromatic Pet. Hydrocarbons	64742-94-5	60-86%
Isopropyl Alcohol	67-63-0	1-5%
Naphthalene	91-20-3	3-7%
Propane/n-Butane	68476-86-8	10-30%

SECTION 4: FIRST AID MEASURES

EYES: Rinse cautiously with plenty of water for several minutes. Remove contact lenses, if present and easy to do, after the first 5 minutes, then continue rinsing eye. If irritation persists, call poison control center or doctor for treatment advice.

SKIN: Immediately wash skin thoroughly with soap and water for 15 to 20 minutes. Remove contaminated clothing and shoes immediately. If irritation develops seek a Poison Control Center or doctor for treatment advice.

INGESTION: Contact physician. **DO NOT INDUCE VOMITING** unless told to by a Poison Control Center or doctor. Do not give anything by mouth to an unconscious person.

INHALATION: Move person to fresh air. If breathing is difficult, administer oxygen. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible. Call a Poison Control Center or doctor for further treatment advice. Have a product container or label with you when calling a Poison Control Center or doctor, or going for treatment.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: There is no specific treatment regime. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

SECTION 5: FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, and alcohol foam.



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UNSUITABLE EXTINGUISHING MEDIA: Water spray/stream.

SPECIAL FIRE FIGHTING PROCEDURES: Wear full protective clothing and NIOSH approved SCBA with full facepiece operated in positive pressure or pressure demand. Use water mist to keep material cool in fire situations.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Contents under pressure. Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition sources.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon.

SECTION 6: ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURES: **SPILL:** Use absorbent on spill sweep to clean. Small releases may be wiped up with wiping material.

PROTECTIVE EQUIPMENT: Use personal protective devices as stated in Section 8.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP: Same as EMERGENCY PROCEDURES.

SECTION 7: HANDLING AND STORAGE

GENERAL HANDLING/STORAGE: Protect from sunlight. Store in well ventilated place. Pressurized container. Do not expose to temperatures exceeding 50°C /122°F. Do not pierce or burn, even after use.

OTHER PRECAUTIONS: **KEEP OUT OF REACH OF CHILDREN!! CAREFULLY READ ENTIRE LABEL BEFORE USE.** Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warning and precautions listed for the product.

INCOMPATIBILITY: Some plastics.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Aromatic Pet. Hydrocarbons	Not Established	Not Established
Isopropyl Alcohol	400 ppm	200 ppm
Naphthalene	10 ppm	10 ppm
Propane/n-Butane	1000 ppm	1000 ppm

ENGINEERING CONTROLS/VENTILATION: Use only outdoors or in a well-ventilated area.

MECHANICAL: N/A

RESPIRATORY PROTECTION: Not required with adequate ventilation.

EYE/FACE PROTECTION: Safety glasses are always recommended when using chemicals.

SKIN PROTECTION/PROTECTIVE GLOVES: Chemical resistant gloves.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Safety glasses and protective gloves are always recommended whenever chemicals are used.

WORK HYGIENIC PRACTICES: Wash hands thoroughly after use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE-PHYSICAL STATE/COLOR: Clear to hazy light brown aerosol.
ODOR: Petroleum odor
pH: N/A
SOLUBILITY IN WATER: 0%



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SPECIFIC GRAVITY: (H ₂ O=1)	0.89
MELTING POINT:	N/D
FREEZING POINT:	N/D
BOILING POINT:	>350°F / 176°C
FLASH POINT/METHOD USED:	<100°F / <38°C
EVAPORATION RATE:	<1
FLAMMABILITY:	Extremely flammable aerosol.
FLAMMABILITY LIMITS IN AIR (% BY VOLUME):	UPPER: N/A LOWER: N/A
VAPOR PRESSURE (mmHg):	N/D
VAPOR DENSITY (AIR = 1):	>4
PARTITION COEFFICIENT, n-OCTANOL/WATER:	N/D
AUTO-IGNITION TEMPERATURE:	N/D
DECOMPOSITION TEMPERATURE:	N/D
VISCOSITY:	N/D

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: If exposed to strong oxidizers, presents explosion hazard.

STABILITY: Stable

CONDITIONS TO AVOID: Temperatures over 122°F., and sources of ignition.

INCOMPATIBILITY (MATERIAL TO AVOID): Some plastics.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Oxides of carbon. Exposure to red hot surfaces may produce carbon monoxide.

HAZARDOUS POLYMERIZATION: None

CONDITIONS TO AVOID (POLYMERIZATION): None known.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Isopropyl Alcohol (67-63-0) LD50 (Oral, Rat) 5045 mg/kg; LD50 (Oral, Rabbit) 5045 mg/kg; LD50 (Dermal, Rabbit) 12,800 mg/kg; LC50 (Inhalation, Rat, 8 hour) 16,000 ppm

ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin

EYES: May cause irritation. Redness, itching or burning may indicate excessive exposure.

SKIN: May cause irritation. May cause localized defatting. Redness and itching or burning sensation may indicate excessive exposure.

INGESTION: May cause gastrointestinal irritation, headaches, nausea, diarrhea.

INHALATION: May cause dizziness, headaches, excessive or prolonged exposure may lead to unconsciousness.

ACUTE HEALTH HAZARDS: **Eyes:** redness, tearing, blurred vision. **Skin:** Defatting and dermatitis.
Oral: abdominal irritation, nausea, vomiting, diarrhea, aspiration risk.

CHRONIC HEALTH HAZARDS: None known.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known.

CARCINOGENICITY: OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A

TOXICITY TO ANIMALS: This pesticide is toxic to fish and aquatic invertebrates.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Isopropyl Alcohol (67-63-0) LC50 (Fathead Minnow, 96 hours) 100,000 mg/L. This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. This chemical has properties and



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characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Application around a cistern or well may result in contamination of drinking water or groundwater. Drift or runoff may adversely affect aquatic invertebrates and nontarget plants. Do not contaminate water when disposing of equipment washwaters. Do not store near fertilizers, seeds, insecticides or fungicides. Do not apply when ground is frozen. Do not apply to areas underlain by roots of desirable trees and shrubs.

BIODEGRADABILITY: Component or components of this product are not biodegradable.

BIOACCUMULATION: Components in this mixture can bioaccumulate in aquatic organisms.

SOIL MOBILITY: This product is mobile in soil.

OTHER ECOLOGICAL HAZARDS: This material is toxic to aquatic life.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in accordance with all local, state, provincial, and federal regulations. Containers may be hazardous when empty.

RCRA STATUS: Waste likely considered hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION (for ground/non-bulk containers)

CONTAINER SIZE(S):	AEROSOL CAN (16.5 oz.)
PROPER SHIPPING NAME:	WEED KILLING COMPOUND
HAZARD CLASS:	N/A
ID NUMBER:	N/A
PACKING GROUP:	N/A
LABEL STATEMENT:	LIMITED QUANTITY

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): All Chemicals are listed or exempt
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None
SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): N/A
SARA 311/312 HAZARD CATEGORIES: Fire Hazard.
SARA 313 REPORTABLE INGREDIENTS: Naphthalene, CAS #91-20-3

STATE REGULATIONS: California Proposition 65: Warning: This product contains a chemical known to the State of California to cause cancer. Naphthalene, CAS #91-20-3, Illinois – RTK, Minnesota – RTK, New Jersey – RTK, Pennsylvania – RTK, Rhode Island – RTK.

INTERNATIONAL REGULATIONS: This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under 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:

CAUTION: Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Harmful if swallowed. **FLAMMABLE:** Contents under pressure. Do not use near fire, sparks or flame. Do not puncture or incinerate container. Exposure to temperatures above 130° F may cause bursting. EPA Ref. No. 44446-61.

SECTION 16: OTHER INFORMATION

HMIS/NFPA Ratings: Health = 2; Flammability=3; Reactivity=1, Other =-, Protection=B
REVISION DATE: 12/21/18

DISCLAIMER: While the information contained herein is believed to be correct, no warranties are made with respect thereto, and all liability from reliance thereon is disclaimed.