



# SAFETY DATA SHEET

Product: MARC 138 TACKLE III

Form R04132

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER AND NAME: **MARC 138 TACKLE III**

SDS DATE: 03/17/2020

SUPPLIER: Mid-American Research Chemical Corp.  
PHONE: 402-564-7104 FAX: 402-563-1290  
EMERGENCY PHONE: InfoTrac 1-800-535-5053  
E-MAIL: marc1@marc1.com WEBSITE: www.marc1.com

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

RECOMMENDED USE: Degreaser and tar remover.

PREPARED BY: MARC

## SECTION 2: HAZARDS IDENTIFICATION

**CLASSIFICATION:** Flammable Aerosol: Category 1, Liquefied Gas, Skin irritant: Category 2, Eye irritant: Category 2A, Aspiration Hazard: Category I.

**HAZARD STATEMENTS--DANGER: Extremely Flammable Aerosol.** Contains gas under Pressure. May explode if heated. Causes skin and serious eye irritation. May be fatal if swallowed and enters airway. This product contains the following percentage of chemicals of unknown toxicity: 5%.

**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 50°C/122°F. Store in a well-ventilated place. Wash hands thoroughly after handling. Wear protective gloves and eye protection. 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

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>PERCENT</u>
1, 8-p-Menthadiene (d-Limonene)	5989-27-5	7% - 13%
1,1-Difluoroethane	75-37-6	7% - 13%
Isoparaffinic Hydrocarbon	64742-47-8	30% - 60%
Diethylene Glycol n-Butyl Ether	112-34-5	7% - 13%

## SECTION 4: FIRST AID MEASURES

**EYES:** 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 advice or attention.

**INGESTION:** If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting. **INHALATION:** Move to fresh air.

**SKIN:** If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention.

**ACUTE HEALTH HAZARDS:** Eyes: redness, tearing, blurred vision. Skin: defatting and dermatitis.

**CHRONIC HEALTH HAZARDS:** May be toxic to kidneys and liver.

**NOTE TO PHYSICIAN:** If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

## SECTION 5: FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Dry chemical, carbon dioxide, foam, and water fog. **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:** Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source. **HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of carbon.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**SPILL:** Absorb spill with non-combustible material such as vermiculite, sand or earth.

**WASTE DISPOSAL:** Dispose of in accordance with local, state and federal regulations. Do not puncture container, wrap container and place in trash collection.

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



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## SECTION 7: HANDLING AND STORAGE

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

**OTHER PRECAUTIONS:** Vapors may collect in low lying areas. Keep out of the reach of children. Do not ingest. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes.

**INCOMPATIBILITY:** Strong oxidizing agents, strong reducing agents, acids.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
1, 8-p-Menthadiene	Not Established	Not Established
1,1-Difluoroethane	1,000 ppm	1,000 ppm
Isoparaffinic Hydrocarbon	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>
Diethylene Glycol n-Butyl Ether	Not Established	25 ppm

**ENGINEERING CONTROLS:** Use only outdoors or in a well-ventilated area. **RESPIRATORY PROTECTION:** Wear NIOSH/MSHA approved organic vapor respiratory protection if listed exposure limits (section VIII) are exceeded. **PERSONAL PROTECTIVE EQUIPMENT:** Safety glasses and chemical resistant gloves. **ADDITIONAL MEASURES:** Wash hands thoroughly after handling.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Opaque tan spray

**ODOR:** Citrus scent

**ODOR THRESHOLD:** 1ppm

**BOILING POINT:** > 212°F (100°C)

**FREEZING POINT:** N/D

**FLAMMABILITY:** Extremely Flammable Aerosol

**FLASH POINT:** N/D

**AUTOIGNITION TEMPERATURE:** N/D

**LOWER FLAMMABILITY LIMIT:** N/D

**UPPER FLAMMABILITY LIMIT:** N/D

**VAPOR PRESSURE (mm Hg):** N/A

**VAPOR DENSITY (AIR=1):** > 1 @ 77°F (25°C)

**EVAPORATION RATE:** Slow

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 0.875

**pH:** N/A

**SOLUBILITY IN WATER:** Emulsifiable

**PARTITION COEFFICIENT:** n-OCTANOL/WATER (KOW): N/D

**VOLATILE ORGANIC COMPOUNDS (VOC):** 9.5%

**DECOMPOSITION TEMPERATURE:** N/D

**VISCOSITY:** N/D

## SECTION 10: STABILITY AND REACTIVITY

**REACTIVITY:** If exposed to strong oxidizers, presents explosion hazard. **CHEMICAL STABILITY:** Stable.

**CONDITIONS TO AVOID:** Excessive heat.

**INCOMPATIBILITY (MATERIAL TO AVOID):** Strong oxidizing agents, strong reducing agents, acids.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Oxides of Carbon.

**POSSIBLE HAZARDOUS REACTIONS:** None known.

**HAZARDOUS POLYMERIZATION:** N/A **CONDITIONS TO AVOID (POLYMERIZATION):** N/A

## SECTION 11: TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL INFORMATION:** Diethylene Glycol n-Butyl Ether (112-34-5): LD50 (Oral, Rat) 3,950 – 9,740 mg/kg, (Mouse) 12,400 mg/kg, (Guinea Pig) 3,000 – 4,970 mg/kg, (Rabbit) 4,450 mg/kg; LD50 (Skin, Rabbit): 10,300 mg/kg, (Guinea Pig) 31,700 mg/kg, (Mouse & Rat) 5,940 mg/kg; LC50 (Inhalation, Rat) 960 ppm 1,8-p-Menthadiene (5989-27-5): Oxidized species of 1,8-p-Menthadiene have been shown to cause skin sensitization in humans. Isoparaffinic Hydrocarbon (64742-47-8): Eye Damage/Irritation 2B; Aspiration Hazard Category 1. Alcohol Ethoxylate (C9-C11) (68439-46-3): LD50 (Dermal, Rabbit) >5 g/kg; LD50 (Oral, Rat) 1.4 g/kg

**ROUTES OF ENTRY:** Eyes, Ingestion, Inhalation, Skin.

**EYES:** May cause irritation, redness. **INGESTION:** May cause gastrointestinal irritation, nausea, diarrhea, vomiting.

**INHALATION:** Causes mild irritation to the respiratory tract. **SKIN:** May cause irritation, localized defatting.

**MEDICAL CONDITION AGGRAVATED:** None known. **ACUTE HEALTH HAZARDS:** Eyes: redness, tearing, blurred vision.

**Skin:** defatting and dermatitis. **CHRONIC HEALTH HAZARDS:** May be toxic to kidneys and liver.



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

## SECTION 12: ECOLOGICAL INFORMATION

**ECOLOGICAL INFORMATION:** Diethylene Glycol n-Butyl Ether (112-34-5): LC50 (Lepomis macrochirus, 96hr) 1,300 mg/L; LC50 (Leuciscus idus, 48hr) > 1,000 mg/L; EC50 (Daphnia magna, 48hr) > 100 mg/L; IC50 (Green Algae, 24hr) 100 mg/L; LC50 (Pseudomonas Putida, 16hr) 1,170 mg/L. Isoparaffinic Hydrocarbon (64742-47-8): Not toxic to aquatic organisms (fish, daphnia, algae) up to water solubility. May adsorb to sediments and possibly cause toxic effects to organisms.

**BIODEGRADABILITY:** This product is biodegradable. **BIOACCUMULATION:** This product is not expected to bioaccumulate.

**SOIL MOBILITY:** This product is mobile in soil. **OTHER ECOLOGICAL HAZARDS:** None Known

## SECTION 13: DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:** Dispose of in accordance with local, state and federal regulations. Do not puncture container, wrap container and place in trash collection. **RCRA HAZARD CLASS:** 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)

<b>CONTAINER SIZE(S):</b>	Aerosol Can (17 Oz.)
<b>PROPER SHIPPING NAME:</b>	CLEANING COMPOUND
<b>HAZARD CLASS:</b>	N/A
<b>ID NUMBER:</b>	N/A
<b>PACKING GROUP:</b>	N/A
<b>LABEL STATEMENT:</b>	Limited Quantity

## SECTION 15: REGULATORY INFORMATION

**TSCA STATUS:** All Chemicals are listed or exempt.

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** None.

**SARA 311/312 HAZARD CATEGORIES:** None.

**SARA 313 REPORTABLE INGREDIENTS:** Diethylene Glycol n-Butyl Ether (DB) (112-34-5). **CLEAN WATER ACT:** None.

**STATE REGULATIONS--California Proposition 65:** None. Isoparaffinic Hydrocarbon (64742-47-8) RTK - PA, NJ, RI. Diethylene Glycol n-Butyl Ether (DB) (112-34-5) RTK - PA, NJ.

**INTERNATIONAL REGULATIONS--Glycol Ether DB - 112-34-5:** European Union - EINECS, Australia - AICS, Japan - ENCS, Korean - ECL, (WHMIS) Canada.

## SECTION 16: OTHER INFORMATION

**HMIS/NFPA Ratings:** Health = 2, Flammability = 2, Reactivity = 0, Other = 0, Protection = B

**REVISION DATE:** 03/17/2020

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