



SAFETY

DATA SHEET

Product: **MARC 150 BRAKE & PARTS CLEANER**

Form R04132

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER AND NAME: MARC 150 BRAKE & PARTS CLEANER

SDS DATE: 02/28/2023

SUPPLIER: Mid-American Research Chemical Corp.

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

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EMERGENCY PHONE: InfoTrac 1-800-535-5053

E-MAIL: marc1@marc1.com **WEBSITE:** www.marc1.com

RECOMMENDED USE: Brake and parts cleaner.

PREPARED BY: MARC

SECTION 2: HAZARDS IDENTIFICATION

CLASSIFICATION: Aerosols – Category 1, Gases Under Pressure – Dissolved Gas, Aspiration Hazard - Category 1, Skin Irritation - Category 2, Eye Irritation - Category 2A, Specific Target Organ Toxicity – Single Exposure (Narcotic Effects) – Category 3.



Signal Word: Danger.

Hazardous Statements - Physical:

H222 - Extremely flammable aerosol.

H229 – Contains gas under pressure; may explode if heated.

Hazardous Statements - Health:

H304 - May be fatal if swallowed and enters airways.

H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

H303 - May cause drowsiness or dizziness.

Precautionary Statements - General:

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P103 - Read label before use.

Precautionary Statements - Prevention:

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P264 - Wash hands thoroughly after use.

P261 - Avoid breathing mist, vapors or spray.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 - Do not spray on an open flame or other ignition source.

P251 - Do not pierce or burn, even after use.

P271 - use only outdoors or in a well-ventilated area.

Precautionary Statements - Response:

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P331 - Do NOT induce vomiting.

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.

P308 + P313- IF exposed or concerned: Get medical attention.

P332 + P313 - If skin irritation occurs: Get medical advice/attention.

P362 + P364 - Take off contaminated clothing. And wash it before reuse.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P304 + P340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P337 + P313 - If eye irritation persists: Get medical advice/attention.

P312 - Call a POISON CENTER or doctor/physician if you feel unwell.

Precautionary Statements - Storage:

P403 + 405 - Store locked up in a well-ventilated place.

P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Precautionary Statements - Disposal:

P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>%WT.</u>
Naphtha (petroleum), hydrotreated light	64742-49-0	55-99
Isopropanol Alcohol	67-63-0	3- 8



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Carbon Dioxide	124-38-9	1 - 6
Ethyl Alcohol	64-17-2	1 - 6

Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality.

SECTION 4: FIRST AID MEASURES

EYES: Rinse eyes cautiously with lukewarm, gently flowing water for 15 minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical advice/attention.

SKIN: Wipe off with a towel. Wash with soap and water. Get medical attention if irritation persists.

INGESTION: Ingestion is not a likely route of exposure. Get medical attention if you feel unwell.

INHALATION: Remove source of exposure or move person to fresh air and keep comfortable for breathing. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by the POISON CENTER/doctor. If breathing has stopped, trained personnel should begin rescue breathing or, if the heart has stopped, immediately start cardiopulmonary resuscitation (CPR) or automated external defibrillation (AED). If you feel unwell/If concerned: Get medical advice/attention.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: **NOTE:** Never give anything by mouth to an unconscious person. Keep person warm and quiet. Get medical attention immediately.

SECTION 5: FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Alcohol foam, foam, carbon dioxide, water fog, dry chemical.

UNSUITABLE EXTINGUISHING MEDIA: Water may be ineffective but can be used to cool containers exposed to heat or flame.

SPECIFIC HAZARDS IN CASE OF FIRE: Closed containers may explode from internal pressure build-up when exposed to extreme heat and discharge contents. Liquid content of container will support combustion. Overexposure to decomposition products may cause a health hazard. Symptoms may not be readily apparent. Obtain medical attention. Hazardous decomposition products include carbon dioxide, carbon monoxide, and other toxic fumes.

FIRE-FIGHTING PROCEDURES: Water may be used to cool containers to prevent pressure build-up and explosion when exposed to extreme heat.

SPECIAL PROTECTIVE ACTIONS: Wear goggles and use a self-contained breathing apparatus. If water is used, fog nozzles are preferred.

SECTION 6: ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURE: Avoid breathing vapors. Ventilate area. Remove all sources of ignition.

RECOMMENDED EQUIPMENT: Wear safety glasses with side shields. Use of gloves approved from relevant standards that meet or are equivalent to OSHA 29 CFR 1910.132.

PERSONAL PRECAUTIONS: Avoid breathing vapors. Ventilate area.

ENVIRONMENTAL PRECAUTIONS: Stop spill/release if it can be done safely.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP: Contain and collect spillage with non-combustible, absorbent material, e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

SECTION 7: HANDLING AND STORAGE

GENERAL: Do not puncture or incinerate (burn) cans. Do not stick pins, nails, or any other sharp objects into opening on top of can. Do not spray in eyes. Do not take internally.

VENTILATION REQUIREMENTS: Use in a well-ventilated place.

STORAGE ROOM REQUIREMENTS: Store and use in a cool, dry, well-ventilated area. Do not store above 120°F. See product label for additional information.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION: Wear safety glasses with side shields. Eyewash stations and showers should be available in areas where this material is used and stored.

SKIN PROTECTION: Use solvent-resistant protective gloves for prolonged or repeated contact.

RESPIRATORY PROTECTION: Avoid breathing vapors. In restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles and vapor. In confined areas, use an approved air-line respirator or hood. A self-contained breathing apparatus is required for vapor concentrations above PEL/TLV limits.

APPROPRIATE ENGINEERING CONTROLS: Ventilation should be sufficient to prevent inhalation of any vapors.

Chemical Name	OSHA TWA (mg/m3)	OSHA TWA (ppm)	OSHA STEL (mg/m3)	OSHA Carcinogen	OSHA Skin designation	OSHA Tables (Z1, Z2, Z3)	ACGIH TWA (mg/m3)	ACGIH TWA (ppm)
Carbon dioxide	9000	5000				1		5000



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Chemical Name	NIOSH STEL (ppm)	ACGIH STEL (mg/m3)	ACGIH STEL (ppm)	ACGIH Carcinogen	ACGIH TLV Basis	ACGIH Notations	NIOSH TWA (mg/m3)	NIOSH TWA (ppm)
Carbon dioxide	30000		30000		Asphyxia		9000	5000

Chemical Name	NIOSH STEL (mg/m3)	OSHA STEL (ppm)	NIOSH Carcinogen
Carbon dioxide	54000		

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**APPEARANCE-**

COLOR:	Clear, colorless
PHYSICAL STATE/ODOR:	Liquid/Solvent odor.
ODOR THRESHOLD:	N/A
pH:	N/A
SOLUBILITY IN WATER:	None
SPECIFIC GRAVITY: (H₂O = 1)	0.72
MELTING/FREEZING POINT:	N/A
LOW BOILING POINT:	94°C
HIGH BOILING POINT:	N/A
EVAPORATION RATE:	Slower than ether
FLAMMABILITY:	Flashpoint below 73°F.
FLASH POINT:	-8.0°
LOWER EXPLOSION LEVEL:	N/A
UPPER EXPLOSION LEVEL:	N/A
Auto Ignition Temperature:	465°C
VAPOR PRESSURE (mmHg):	N/A
VAPOR DENSITY:	N/A
WEIGHT PER GALLON:	6.03 pounds
DENSITY VOC:	5.70 lbs./gal
%VOC:	95%

SECTION 10: STABILITY AND REACTIVITY**STABILITY:** Stable under normal storage conditions.**CONDITIONS TO AVOID:** High temperatures.**INCOMPATIBILITY (MATERIAL TO AVOID):** No data available.**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Hazardous decomposition products may include carbon dioxide, carbon monoxide, and other toxic fumes.**POSSIBILITY OF HAZARDOUS REACTIONS** None known.**HAZARDOUS POLYMERIZATION:** Will not occur. **CONDITIONS TO AVOID (POLYMERIZATION):** None known.**SECTION 11: TOXICOLOGICAL INFORMATION****SKIN CORROSION/IRRITATION:** Causes skin irritation.**SERIOUS EYE DAMAGE/IRRITATION:** Causes serious eye irritation.**CARCINOGENICITY:** Based on available data, the classification criteria are not met.**GERM CELL MUTAGENICITY:** Based on available data, the classification criteria are not met.**REPRODUCTIVE TOXICITY:** Based on available data, the classification criteria are not met.**RESPIRATORY/SKIN SENSITIZATION:** Based on available data, the classification criteria are not met.**SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE:** May cause drowsiness or dizziness.**SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE:** Based on available data, the classification criteria are not met.**ASPIRATION HAZARD:** May be fatal if swallowed and enters airways.**ACUTE TOXICITY:** Based on available data, the classification criteria are not met.**LIKELY ROUTES OF EXPOSURE:** Inhalation, Ingestion, Skin contact, Eye contact.**SECTION 12: ECOLOGICAL INFORMATION****TOXICITY:** Based on available data, the classification criteria are not met.



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PERSISTENCE AND DEGRADABILITY: No data available.
BIOACCUMULATIVE POTENTIAL: No data available.
MOBILITY IN SOIL: No data available.
OTHER ADVERSE EFFECTS: No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL INSTRUCTIONS: Under RCRA, it is the responsibility of the user of the product, to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state, and local laws. Empty containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

SECTION 14: TRANSPORT INFORMATION

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

CONTAINER SIZES(S): Aerosol Can
PROPER SHIPPING NAME: CLEANING COMPOUND
HAZARD CLASS: None
ID NUMBER: None
PACKING GROUP: N/A
LABEL STATEMENT: LIMITED QUANTITY

SECTION 15: REGULATORY INFORMATION

Naphtha: SARA 312, VOC, TSCA, ACGIH, OSHA
Isopropyl Alcohol: SARA 313, SARA 312, VOC, TSCA, ACGIH, OSHA
Ethyl Alcohol: SARA 312, VOC, TSCA, ACGIH, OSHA
Carbon Dioxide: SARA 312, TSCA, ACGIH, OSHA

SECTION 16: OTHER INFORMATION

HMIS/NFPA Ratings: Health = 2
Flammability = 4
Reactivity = 0
Other = None
Protection = B

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