



SAFETY DATA SHEET

Product: **MARC 119 GUM-OFF**

Form R04132

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER AND NAME: **MARC 119 GUM-OFF**

SDS DATE: 03/12/2021

SUPPLIER: Mid-American Research Chemical Corp.

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

PHONE: 402-564-7104 **FAX:** 402-563-1290

EMERGENCY PHONE: InfoTrac 1-800-535-5053

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

RECOMMENDED USE: Gum remover.

PREPARED BY: MARC

SECTION 2: HAZARDS IDENTIFICATION

CLASSIFICATION: Aerosol – Category 1; Gases Under Pressure - Liquefied Gas; Reproductive Toxicity - Category 2; Specific Target Organ Toxicity - Repeated Exposure - Category 2.

Signal Word: Danger. **Hazardous Statements – Physical:** H222 - Extremely flammable aerosol.

H280 - Contains gas under pressure; may explode if heated. **Hazardous Statements – Health:** H361 -

Suspected of damaging fertility or the unborn child. H373 - May cause damage to organs through prolonged or repeated exposure.

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:** 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. P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been

read and understood. P280 - Wear protective gloves, protective clothing, eye protection and face protection. P260 - Do not breathe mist,

vapors or spray. **Precautionary Statements – Response:** P308 + P313 - IF exposed or concerned: Get medical attention. P314 - Get

medical attention if you feel unwell. **Precautionary Statements – Storage:** P410 + P412 - Protect from sunlight. Do not expose to

temperatures exceeding 50°C/122°F. P403 - Store in a well-ventilated place. P405 - Store locked up. **Precautionary Statements –**

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



SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>PERCENT</u>
Petroleum gases, liquefied, sweetened	68476-86-8	68% – 100%
Hexane	110-54-3	2% – 4%

Specific percentages claimed as a trade secret.

SECTION 4: FIRST AID MEASURES

Inhalation: Remove source of exposure or move person to fresh air and keep comfortable for breathing. If exposed/feel unwell/concerned: Get medical attention. Eliminate all ignition sources if safe to do so. **Eye Contact:** Remove source of exposure or move person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for a duration of 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical advice/attention. **Skin Contact:** Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash with plenty of lukewarm, gently flowing water for a duration of 15-20 minutes. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse. IF exposed or concerned: Get medical advice/attention. **Ingestion:** Immediately call a POISON CENTER or doctor. Do NOT induce vomiting. If vomiting occurs naturally, lie on your side, in the recovery position. **Most Important Symptoms/Effects, Acute and Delayed:** No data available. **Indication of Immediate Medical Attention and Special Treatment Needed:** No data available.

SECTION 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Dry chemical, foam, carbon dioxide. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam. Sand or earth may be used for small fires only. Do not direct a solid stream of water or foam into hot, burning pools. This may result in frothing and increased fire intensity. **Unsuitable Extinguishing Media:** No data available. **Specific Hazards in Case of Fire:** Contents under pressure. Keep away from ignition sources and open flames. Exposure of containers to extreme heat and flames can cause them to rupture often with violent force. Product is highly flammable and forms explosive mixtures with air, oxygen, and all oxidizing agents. Vapors are heavier than air and may travel along surfaces to remote ignition sources and flash back. During a fire, irritating and highly toxic gases may be generated during combustion or decomposition. High temperatures can cause sealed containers to rupture due to a build-up of internal pressures. Cool with water. Empty Containers retain product residue which may exhibit hazards of material; therefore, do not pressurize, cut, glaze, weld or use for any other purposes. Container could



SAFETY DATA SHEET

Product: MARC 119 GUM-OFF

Form R04132

potentially burst or be punctured upon mechanical impact, releasing flammable vapors. **Fire-Fighting Procedures:** Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Water may be ineffective but can be used to cool containers exposed to heat or flame. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations. **Special Protective Actions:** Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Emergency Procedure: ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Do not touch or walk through spilled material. Isolate hazard area and keep unnecessary people away. Remove all possible sources of ignition in the surrounding area. Notify authorities if any exposure to the general public or the environment occurs or is likely to occur. If spilled material is cleaned up using a regulated solvent, the resulting waste mixture may be regulated. **Recommended Equipment:** Wear liquid tight chemical protective clothing in combination with positive pressure self-contained breathing apparatus (SCBA). **Personal Precautions:** Avoid breathing vapor. Avoid contact with skin, eyes or clothing. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing. **Environmental Precautions:** Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers. **Methods and Materials for Containment and Cleaning Up:** Absorb liquids in vermiculite, dry sand, earth, or similar inert material and deposit in sealed containers for disposal.

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 airline 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/m ³)	OSHA TWA (ppm)	OSHA STEL (mg/m ³)	OSHA Carcinogen	OSHA Skin designation	OSHA Tables (Z1, Z2, Z3)	ACGIH TWA (mg/m ³)	ACGIH TWA (ppm)
ACETOPHENONE								10
AMYL ACETATE	525	100				1		50
BENZYL ACETATE								10
DIETHYL PHTHALATE							5	
HEXANE	1800	500				1		50
Petroleum gases, liquefied, sweetened	2000	500				1		



SAFETY DATA SHEET

Product: MARC 119 GUM-OFF

Form R04132

Chemical Name	NIOSH STEL (ppm)	ACGIH STEL (mg/m ³)	ACGIH STEL (ppm)	ACGIH Carcinogen	ACGIH TLV Basis	ACGIH Notations	NIOSH TWA (mg/m ³)	NIOSH TWA (ppm)
ACETOPHENONE					Eye irr.; CNS impair; Pregnancy loss			
AMYL ACETATE			100		URT irr.		525	100
BENZYL ACETATE				A4	URT irr.	A4		
DIETHYL PHTHALATE				A4	URT irr.	A4	5	
HEXANE					CNS impair; peripheral neuropathy ; eye irr.	Skin; BEI	180	50

Chemical Name	NIOSH STEL (ppm)	ACGIH STEL (mg/m ³)	ACGIH STEL (ppm)	ACGIH Carcinogen	ACGIH TLV Basis	ACGIH Notations	NIOSH TWA (mg/m ³)	NIOSH TWA (ppm)
ACETOPHENONE					Eye irr.; CNS impair; Pregnancy loss			
AMYL ACETATE			100		URT irr.		525	100
BENZYL ACETATE				A4	URT irr.	A4		
DIETHYL PHTHALATE				A4	URT irr.	A4	5	
HEXANE					CNS impair; peripheral neuropathy; eye irr.	Skin; BEI	180	50

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

DENSITY:	4.75 lbs./gal.
DENSITY VOC:	4.751 lbs./gal.
%VOC:	99.99%
COLOR:	Clear
FRAGRANCE:	Mild to none
PHYSICAL STATE:	Solvent-based aerosol
pH:	N.A.
SOLUBILITY IN WATER:	Nil
FLASH POINT:	Less than 73°F
VISCOSITY:	N.A.
LOWER EXPLOSION LEVEL:	1
UPPER EXPLOSION LEVEL:	9.5
MELTING/FREEZING POINT:	N.A.
VAPOR DENSITY:	N.A.
LOW BOILING POINT:	0°F
HIGH BOILING POINT:	31°F
AUTO-IGNITION TEMPERATURE:	N.A.
EVAPORATION RATE:	Slower than ether.
SPECIFIC GRAVITY: (H₂O = 1)	0.56
VAPOR PRESSURE (mmHg):	N.A.
PART COEFF., n-OCTANOL/WATER:	N.A.



SAFETY DATA SHEET

Product: MARC 119 GUM-OFF

Form R04132

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under normal storage and handling conditions. **Conditions to Avoid:** Avoid heat, sparks, flame, high temperature and contact with incompatible materials. Dropping containers may cause bursting. **Incompatible Materials:** Avoid strong oxidizers, reducers, acids, and alkalis. **Hazardous Reactions/Polymerization:** Will not occur. **Hazardous Decomposition Products:** No data available.

SECTION 11: TOXICOLOGICAL INFORMATION

Skin Corrosion/Irritation: Causes mild skin irritation. **Likely Route of Exposure:** Inhalation, ingestion, skin absorption. **Serious Eye Damage/Irritation:** No data available. **Carcinogenicity:** No data available. **Germ Cell Mutagenicity:** No data available. **Reproductive Toxicity:** Suspected of damaging fertility or the unborn child. **Respiratory/Skin Sensitization:** No data available. **Specific Target Organ Toxicity - Single Exposure:** No data available. **Specific Target Organ Toxicity - Repeated Exposure:** No data available. **Aspiration Hazard:** No data available.

Acute Toxicity:

HEXANE-INHALATION causes irritation of respiratory tract, cough, mild depression, cardiac arrhythmias. It has been reported that a 10-minute exposure to 5,000 ppm caused dizziness and a sensation of giddiness. INGESTION causes nausea, vomiting, swelling of abdomen, headache, depression.

AMYL ACETATE

LD50 (oral, rat): 16.6 g/kg (mixed amyl acetate)
LD50 (oral, rat): 6.5 g/kg (mixed amyl acetate)
LD50 (dermal, rabbit): greater than 17.5 g/kg (mixed amyl acetate)
LD50 (dermal, guinea pig): 8.3 g/kg (mixed amyl acetate)

HEXANE

LC50 (male rat): 38500 ppm (4-hour exposure); cited as 77000 ppm (271040 mg/m³) (1-hour exposure)
LC50 (rat): 48000 ppm (4-hour exposure)
LC50 (rat): 73680 ppm (260480 mg/m³) (4-hour exposure) (n-hexane and isomers)
LD50 (oral, 14-day old rat): 15840 mg/kg
LD50 (oral, young rat): 32340 mg/kg
LD50 (oral, adult rat): 28700 mg/kg

BENZYL ACETATE

LD50 (oral, rat): 2.49 g/kg
LD50 (oral, mouse): 830 mg/kg
LD50 (oral, guinea pig): 2.2 g/kg
LD50 (oral, rabbit): 2.6 g/kg
LD50 (dermal, rabbit): Greater than 5 g/kg

ACETOPHENONE

LD50 (oral, rat): 900 mg/kg
LD50 (oral, rat): 3000 mg/kg
LD50 (dermal, guinea pig): greater than 20600 mg/kg (cited as greater than 20.0 mL/kg)

SECTION 12: ECOLOGICAL INFORMATION

TOXICITY: No data available. **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

CONTAINER SIZE:	Aerosol Can
PROPER SHIPPING NAME:	CLEANING COMPOUND
HAZARD CLASS:	N/A
ID NUMBER & PACING GROUP:	N/A
LABEL STATEMENT:	LIMITED QUANTITY



SAFETY DATA SHEET

Product: MARC 119 GUM-OFF

Form R04132

SECTION 15: REGULATORY INFORMATION

CAS NO.	Chemical Name	% By Weight	Regulation List
68476-86-8	Petroleum gases, liquefied, sweetened	68% - 100%	SARA312, TSCA, OSHA
110-54-3	HEXANE	2% - 4%	SARA313, CERCLA, HAPS, SARA312, VOC, TSCA, ACGIH, California Proposition 65 Toxicity Male, OSHA

SECTION 16: OTHER INFORMATION

GLOSSARY: ACGIH – American Conference of Governmental Industrial Hygienists; ANSI – American National Standards Institute; Canadian TDG – Canadian Transportation of Dangerous Goods; CAS – Chemical Abstract Service; Chemtrec – Chemical Transportation Emergency Center (US); CHIP – Chemical Hazard Information and Packaging; DSL – Domestic Substances List; EC – Equivalent Concentration; EH40 (UK) – HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA – Emergency Planning and Community Right-To-Know Act; ESL – Effects screening levels; HMIS – Hazardous Material Information Service; LC – Lethal Concentration; LD – Lethal Dose; NFPA – National Fire Protection Association; OEL – Occupational Exposure Limits; OSHA – Occupational Safety and Health Administration, US Department of Labor; PEL – Permissible Exposure Limit; SARA (Title III – Superfund Amendments and Reauthorization Act; SARA 313 – Superfund Amendments and Reauthorization Act, Section 313; SCBA – Self-Contained Breathing Apparatus; STEL – Short Term Exposure Limit; TCEQ – Texas Commission on Environmental Quality; TLV – Threshold Limit Value; TSCA – Toxic Substances Control Act Public Law 94-469; TWA – Time Weighted Value; US DOT – US Department of Transportation; WHMIS – Workplace Hazardous Materials Information System.

HMIS/NFPA Ratings: Health = 1; Flammability = 4; Reactivity = 0; Protection = A.

DISCLAIMER: To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.