

MATERIAL SAFETY DATA SHEET

Curtis/GlenChem Corp.

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Product: **FMG CS2 Aerosol, Food Grade**

MSDS No.: LFG-FMG-CS2-AG - Rev. 1.0
Replaces - Rev. None Date: 01-Jan-07
Updated Sections: None

-- SECTION 01 - IDENTIFICATION AND INFORMATION --

Product or Trade Name:..... FMG-CS2-AG
Chemical Name/Synonym:..... Polyalphaolefin, synthetic hydrocarbon grease
Chemical Family:..... Synthetic hydrocarbon based grease
Formula:..... Proprietary
Product Code:..... LFG-FMG-CS2-AG

Product Description: Food grade synthetic #2 machinery grease, in aerosol can

HMIS
Hazard Rating: Legend:
Health:..... 1 0 - Least
Fire:..... 4 1 - Slight
Reactivity:..... 0 2 - Moderate
Personal Protection:... B 3 - High
4 - Severe

-- SECTION 02 - PHYSICAL DATA --

Boiling Point: Not Determined Solubility in Water: Negligible
Vapor Pressure: Not Determined Specific Gravity: 0.89 (Typical) (H₂O=1)
Vapor Density: Not Determined % Volatile by Volume: Up to 10%
Appearance: Off-white Odor: Odorless after a few seconds
pH: N/A pH working solutions: N/A

-- SECTION 03 - HAZARDOUS COMPONENTS --

CHEMICAL NAME	CAS #	% Range	OSHA PEL	ACGIH TLV
* Propane (aerosol propellant)	74-98-6	1 – 5	2500 ppm	2500 ppm
* Hexane (aerosol propellant)	110-54-3	1 – 5	50 ppm	50 ppm
Inert and/or non-hazardous components	-----	90 - 100	-----	-----

* Propellants are not actually part of the product, and they separate from the product and dissipate in atmosphere upon being expelled from the can.

-- SECTION 04 - FIRE AND EXPLOSION HAZARD DATA --

Flash Point: 475°F (246° C) (ASTM D-92)
Extinguishing Media: Small Fire: CO₂, water fog, dry chemical, or foam; Large Fire: All-purpose-type foam.
Special Fire Fighting Procedures: Use self-contained breathing apparatus; water may be used to cool adjacent containers.

-- SECTION 05 - REACTIVITY DATA --

Stability: Normally Stable.
Incompatibility: Extreme Heat, strong acidic and alkaline oxidizers.
Hazardous Decomposition Products: Carbon monoxide may form upon thermal degradation, carbon dioxide and sulfur oxides.
Hazardous Polymerization: Will not occur.

-- SECTION 06 - SPILL, LEAK, AND DISPOSAL PROCEDURES --

Small Spills: Absorb with sand or inert material; scoop up and dispose to proper container.
Large Spills: Prevent spread of spill by dyking. Salvage uncontaminated material if possible. Absorb remainder of spill with inert material; scoop up and dispose to proper container.

ALWAYS DISPOSE OF MATERIAL IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL CODES FOR THAT TYPE OF MATERIAL.

-- SECTION 07 - HEALTH HAZARD DATA --

EYE CONTACT:..... No known or anticipated significant hazard; May be irritating, cause redness, blurred vision or tearing.
SKIN CONTACT: Prolonged contact may cause dryness and dry skin irritation.
INHALATION:..... Test of similar products using propane and hexane propellants indicate the possibility of symptoms: headache, nasal and respiratory irritation, nausea, drowsiness, fatigue, loss of consciousness and convulsions. Can cause central nervous system depression.
INGESTION: Acute aspiration hazard, slightly toxic by ingestion – There is danger of product being aspirated into lungs during vomiting, and aspiration can result in severe lung damage or death.
EFFECTS OF OVEREXPOSURE:..... None currently known or anticipated.
IARC and NTP NONE of the ingredients in this product are listed by the NTP, IARC, or OSHA as possible carcinogens.

-- SECTION 08 - FIRST AID --

EYES: Flush with water for a minimum of 15 minutes (industry safety standard for all materials). Seek medical attention if discomfort occurs.
SKIN:..... Flush with water; wash with soap and water after handling.
INHALATION:..... Remove to fresh air.
INGESTION: DO NOT INDUCE VOMITING. Seek medical attention if discomfort occurs.

-- SECTION 09 - SPECIAL HANDLING INFORMATION --

VENTILATION:..... No external ventilation normally required under ordinary conditions of use.
RESPIRATORY PROTECTION:..... None normally required under ordinary conditions of use, and with adequate ventilation.
PROTECTIVE CLOTHING:..... None normally required; always use good industrial hygiene practices.
EYE PROTECTION:..... None normally required; use tight fitting or chemical workers goggles if misting is anticipated.
EXPOSURE LIMITS No components have recognized exposure limits. Assume 5 mg/m³ for oil mist.

-- SECTION 10 - REGULATORY AND ADDITIONAL INFORMATION --

HANDLING AND STORAGE: Do not breathe vapors or mist. Do not allow contact with eyes, or leave in contact with skin for prolonged periods. Wash contaminated clothing prior to re-use. Do not allow contact with oxidizers. Store out of direct sunlight below 120°F (49°C) and away from open flame.

D.O.T.: Shipping Classification: Consumer Commodity, ORM-D
US D.O.T.: Hazard Class and Packing Group: 2.1 – None – Air Transportation

TSCA - The ingredients in this material are listed on the TSCA Inventory; no other TSCA issues.

SARA Title III Information (for components of this material): A) Sections 311/312 - Immediate; B) Section 313 – None Listed; C) Section 302 – None Listed as 'Extremely Hazardous Substances.'

CERCLA Information (for the components): None Listed in Table 302.4 of 40 CFR Part 302 as a hazardous substance with NRC RQs

WHIMIS Classification (Canada): Not a controlled product. All ingredients listed on the Canadian DSL.

Abbreviations Used in this Material Safety Data Sheet: < = Less Than; > = Greater Than; N/A = Not Applicable; N/E = Not Established; N/L = Not Listed; N/D = Not Determined; TWA = Time Weighted Average; STEL = Short Term Exposure Limit; PEL = Permissible Exposure Limit; NIOSH = National Institute of Occupational Safety & Health; OSHA = Occupational Safety & Health Administration; ACGIH = American Conference of Government and Industrial Hygienists; NTP = National Toxicology Program; IARC = International Agency for the Registration of Carcinogens; TSCA = Toxic Substance Control Act; SARA = Superfund Amendment Reauthorization Act; RQs = Reportable Quantities; CERCLA = Comprehensive Environmental Response Compensation and Liability Act; NRC = National Response Center; RCRA = Resource Recovery and Conservation Act.

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