

VALCO CINCINNATI CONSUMER PRODUCTS INC.

MATERIAL SAFETY DATA SHEET

MATERIAL NAME: GELLUBE ENGINE ASSEMBLY/GENERAL PURPOSE **PART NUMBER(S):** 710XX756

EMERGENCY TELEPHONE NO.: CALL INFOTRAC AT 1-800-535-5053

PRODUCT INFORMATION NO.: (513) 874-6550

DATE ISSUED: FEBRUARY 1, 2018

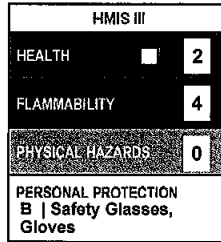
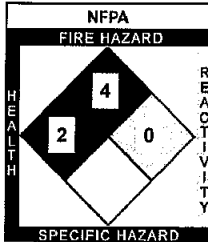
SECTION 1 – GENERAL INFORMATION

MANUFACTURER'S NAME: VALCO CINCINNATI, INCORPORATED
ADDRESS: 411 CIRCLE FREEWAY DRIVE, CINCINNATI, OHIO 45246
TRADE NAMES & SYNONYMS: GELLUBE, AEROSOL GREASE
CHEMICAL FAMILY: PETROLEUM

SECTION 2 – HAZARDS IDENTIFICATION

Route of Entry: Eyes - Yes Ingestion - Unlikely Inhalation - Yes Skin - Yes
Target Organs: Eyes, Skin, Respiratory System, Nervous System
Inhalation: Minimal respiratory tract irritation may occur with exposure to a large amount of material. Vapours may cause drowsiness and dizziness.
Skin Contact: Can cause skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, and drying and cracking of skin, burns and other skin damage
Eye Contact: Causes eye irritation. Symptoms include stinging, tearing, redness and swelling of eyes.
Ingestion: Ingestion may cause nausea and vomiting. Not a normal route of exposure. **ASPIRATION HAZARD** - This material can enter lungs during swallowing or vomiting and cause lung inflammation and damage.

NFPA: Health = 2, Fire = 4, Reactivity = 0
HMIS III: H2/F4/PH0



GHS Signal Word:
DANGER

GHS Hazard Pictograms:



GHS Classifications:
Physical, Flammable Aerosols, 1
Health, Acute toxicity, 4 Oral
Health, Skin corrosion/irritation, 2
Health, Serious Eye Damage/Eye Irritation, 2 B
Health, Specific target organ toxicity - Single exposure, 3
Health, Aspiration hazard, 2

GHS Phrases:
H222 - Extremely flammable aerosol
H229 - Pressurized container: may burst if heated
H302 - Harmful if swallowed
H315 - Causes skin irritation
H320 - Causes eye irritation
H336 - May cause drowsiness or dizziness
H335 - May cause respiratory irritation
H305 - May be harmful if swallowed and enters airways

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SECTION 2 – HAZARDS IDENTIFICATION (CONT)

GHS Precautionary Statements:

- P102 - Keep out of reach of children.
- P103 - Read label before use.
- P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
- P243 - Take precautionary measures against static discharge.
- P251 - Pressurized container: Do not pierce or burn, even after use.
- P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
- P281 - Use personal protective equipment as required.
- P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304+341 - IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- P314 - Get Medical advice/attention if you feel unwell.
- P410+412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing skin and respiratory disorders.

LISTED CARCINOGENS: OSHA - Not listed IARC - Not listed NTP - Not listed

SECTION 3 – COMPOSITION ON INGREDIENTS

Ingredients:

Cas #	Percentage	Chemical Name
110-54-3	5-15%	Hexane
64742-47-8	<5%	Distillates, petroleum, hydrotreated light
67-64-1	20-30%	2-Propanone
106-97-8	<6%	n-Butane
74-98-6	<6%	Propane

SECTION 4 – FIRST AID MEASURES

- Inhalation:** Move to fresh air and keep at rest. Call a physician if symptoms develop and persist.
- Skin Contact:** Wash with soap and water. If skin irritation persists, call a physician immediately. Remove contaminated clothing and wash before reuse.
- Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
- Ingestion:** Rinse mouth. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low to avoid getting into the lungs. Call a poison control center if large amounts are ingested. Never give anything by mouth to an unconscious person.

SECTION 5 – FIRE FIGHTING MEASURES

- Flammability:** EXTREMELY FLAMMABLE
- Flash Point:** -4°F (-20°C) Concentrate / -156°F (-104.4°C) (propellant)
- Flash Point Method:** Estimate
- Autoignition Temp:** Not established
- LEL:** Not established
- UEL:** Not established

Means of Extinction:

Suitable Extinguishing Media: Powder, foam, carbon dioxide.

Unsuitable Extinguishing Media: Water.

Products of Combustion: May include, and are not limited to: oxides of carbon.

Explosion Data:

Sensitivity to Mechanical Impact: Not available.

Sensitivity to Static Discharge: Not available.

Protection of Firefighters: Containers may explode when heated. Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

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Personal Precautions: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition. Ruptured cylinders may rocket.

Environmental Precautions: Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). This material is a water pollutant. Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.

Methods for Containment: Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for Clean-Up: Vacuum or sweep material and place in a disposal container. Allow gas to dissipate harmlessly into the atmosphere.

SECTION 7 – HANDLING AND STORAGE

Handling Precautions: HARMFUL IF INHALED OR SWALLOWED. VAPOR HARMFUL. VAPORS MAY CAUSE FLASH FIRE. EYE, SKIN AND RESPIRATORY IRRITANT. Contents under pressure. Keep out of reach of children. Read label cautions carefully. Follow label directions to avoid injury. Use with adequate ventilation. Do not use in confined areas. Keep away from heat, sparks or open flames. Wash hands thoroughly after each use. Do not smoke while using. Avoid contact with skin and eyes. Avoid breathing vapor or mist. Do not puncture container.

Storage Requirements: Keep out of reach of children. Do not store near heat, sparks, or open flames. Do not expose to temperatures above 120°F as container may vent, rupture or burst. Do not puncture or incinerate container. Store in accordance with NFPA 30B for LEVEL 3 AEROSOL.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use ventilation adequate to keep exposures below recommended exposure limits.

Personal Protective Equip: HMIS PP, B | Safety Glasses, Gloves

Eyes Protection: Wear eye/face protection.

Hand Protection: Wear suitable gloves.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment.

INGREDIENTS	EXPOSURE LIMITS		
	OSHA-PEL	ACGIH-TLV	OTHER
Hexane	500 ppm (1800mg/m ³)	50 ppm	50 ppm REL
Distillates, petroleum	Not established	Not established	
2-Propanone	1000 ppm	500 ppm	750 ppm STEL
n-Butane	Not established	800 ppm	
Propane	Not established	1000 ppm	

SECTION 9 -PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	red opaque viscous liquid
Physical State:	Mixture packaged in pressurized aerosol spray can.
Odor:	solvent
Solubility:	Insoluble in water
Spec Grav./Density:	0.85 - 0.89 g/ml
Viscosity:	Not established
Boiling Point:	>100°F
Freezing/Melting Pt.:	Not established
Flammability:	Extremely flammable
Flash Point:	-4°F (-20°C) (Concentrate) / -156°F (-104.4°C) (propellant)
Vapor Pressure:	Not established
pH:	Not applicable
VOC:	24%
Evap. Rate:	< 1.00 (BuAc=1)
Auto-Ignition Temp:	Not established
UFL/LFL:	Not established

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SECTION 10-STABILITY AND REACTIVITY

Stability: Product is stable under normal conditions.
Conditions to Avoid: Heat, sparks, open flames and temperatures above 120°F
Materials to Avoid: Strong Oxidizing Agents.
Hazardous Decomposition: CO, CO2, and hydrocarbons.
Hazardous Polymerization: Will not occur.

SECTION 11-TOXICOLOGICAL INFORMATION

No product toxicological information is available.

SECTION 12-ECOLOGICAL INFORMATION

No product ecological information is available.

SECTION 13 -DISPOSAL CONSIDERATIONS

Use material for its intended purpose or recycle if possible. This material, if it must be discarded, may meet the criteria of a hazardous waste as defined by US EPA under RCRA (40 CFR 261) or other State and local regulations. Measurement of certain physical properties and analysis for regulated components may be necessary to make a correct determination. If this material is classified as a hazardous waste, federal law requires disposal at a licensed hazardous waste disposal facility.

SECTION 14 -TRANSPORTATION INFORMATION

DOT Class: Flammable Gas (2.1) #2.1

UN #: UN 1950, Class: 2, Proper Shipping Name: Aerosols, flammable, (each not exceeding 1 L capacity)

DOT

UN Number UN1950
UN proper shipping name Aerosols, flammable
Transport Hazard Class(es)
Class 2.1
Subsidiary risk ---
Label(s) 2.1
Packing group Not applicable

IATA

UN Number UN1950
UN proper shipping name Aerosols, flammable (Hexane/Acetone)
Transport Hazard Class(es)
Class 2.1
Subsidiary risk ---
Label(s) 2.1
Packing group Not applicable
Environmental hazards No
Other information
Passenger and cargo aircraft Allowed
Cargo aircraft only Allowed

IMDG

UN Number UN1950
UN proper shipping name Aerosols, flammable (Hexane/Acetone)
Transport Hazard Class(es)
Class 2.1
Subsidiary risk ---
Label(s) 2.1
Packing group Not applicable
Environmental hazards
Marine Pollutant Yes

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SECTION 15-REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*Hexane (110543 5-15%) CERCLA, HAP, MASS, OSHAWAC, PA, SARA313, TSCA, TXAIR

*Distillates, petroleum, hydrotreated light (64742478 <5%) TSCA

*2-Propanone (67641 20-30%) CERCLA, HAP, MASS, NJHS, OSHAWAC, PA, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL

*n-Butane (106978 <6%) MASS, NJHS, OSHAWAC, PA, TSCA, TXAIR

*Propane (74986 <6%) MASS, NJHS, OSHAWAC, PA, TSCA, TXAIR

REGULATORY KEY DESCRIPTIONS

CERCLA = Superfund clean up substance
HAP = Hazardous Air Pollutants
MASS = MA Massachusetts Hazardous Substances List
OSHA = OSHA Workplace Air Contaminants
PA = PA Right-to-Know List of Hazardous Substances
SARA313 = SARA 313 Title III Toxic Chemicals
TSCA = Toxic Substances Control Act
TXAIR = TX Air Contaminants with Health Effects Screening Level
NJHS = NJ Right-to-Know Hazardous Substances
TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)
TXHWL = TX Hazardous Waste List

Proposition 65 - California Safe Drinking Water and Toxic Enforcement Act of 1986

This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to the proposition.

SECTION 16-OTHER INFORMATION/DISCLAIMER

TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE; OBTAINED FROM SOURCES BELIEVED BY VALCO CINCINNATI INC. TO BE ACCURATE. SINCE THE CONDITIONS AND METHODS OF USE OF OUR PRODUCT ARE BEYOND OUR CONTROL, WE DISCLAIM ANY AND ALL LIABILITY ARISING OUT OF THE IMPROPER USE OF THIS PRODUCT OR THE INFORMATION PROVIDED HEREWITH.