

**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:** SEPTEMBER 2015

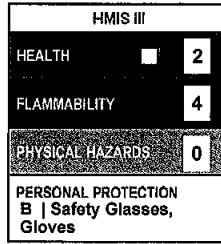
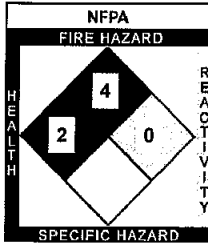
**SECTION I – GENERAL INFORMATION**

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

**SECTION II – 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 II – 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 III – 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 IV – 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 V – 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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**SECTION VI – ACCIDENTAL RELEASE MEASURES**

**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 VII – 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 VIII – 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	OSHA-PEL	EXPOSURE LIMITS	
		ACGIH-TLV	OTHER
Hexane	500 ppm (1800mg/m3)	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 IX-PHYSICAL AND CHEMICAL PROPERTIES**

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

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**SECTION X-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 XI-TOXICOLOGICAL INFORMATION**

No product toxicological information is available.

**SECTION XII-ECOLOGICAL INFORMATION**

No product ecological information is available.

**SECTION XIII-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 XIV-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 XV-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 WAC = 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 XVI-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.