

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT NAME:** GSIC Oil  
**PRODUCT CODES:** E7111-0002, E7111-0002/1, W.E.-AO

**MANUFACTURER:** CommScope  
**DIVISION:** CommScope  
**ADDRESS:** 8000 Purfoy Road  
 Fuquay-Varina, NC 27526

**Suppliers:** CommScope  
 8000 Purfoy Road  
 Fuquay-Varina, NC 27526

**EMERGENCY TELEPHONE NUMBERS:** US: CHEMTREC 1-800-424-9300  
 CN: CHEMTREC 1-800-424-9300  
 EU and Outside North America: 1-703-527-3887 (Collect calls accepted)

**NON-EMERGENCY HEALTH/SAFETY INFORMATION:** North America: 1- 888-557-8901

**CHEMICAL FAMILY:** Lubricant

**PRODUCT USE:** For Non-consumer, Industrial use only.

This product contains a Hazardous Substance, Preparation that is regulated under US-OSHA; CAN-WHMIS; IOSH; ISO; UK-CHIP; or EU Directives (1272/2008/EC-Classification, labelling and Packaging of Substances and Mixtures, 98/24/EC-Chemical Agents at Work, 2001/58/EC-MSDS Content and 1907/2006/EC-REACH), and an MSDS/SDS is required for this product considering that when used as recommended or intended, or under ordinary conditions, it may present a health and safety exposure or other hazard

Additional Information  
 None Known.

**SECTION 2: HAZARDS IDENTIFICATION GHS**

**GHS Classification:**

Health	Environmental	Physical
Acute Toxicity – NL Skin Corrosion/Irritation – NL Serious Eye Damage/Irritation – NL Respiratory Skin Sensitization – NL Germ Cell Mutagenicity – NL Carcinogenicity – NL (not classified by NTP or IARC, see section 11) Reproductive/Developmental Toxicity – NL Specific Target Organ Toxicity: <ul style="list-style-type: none"> <li>• Single Exposure – NL</li> <li>• Repeated Exposure – NL</li> <li>• Aspiration Hazard – NL</li> </ul>	Aquatic Toxicity – NL Hazardous to stratospheric ozone – NL  <b>Other Non-GHS Ratings:</b> NFPA – 0–1–0 NFPA Class – IIIB combustible material	Flammability – NL

NL: not listed

GHS Label: GSIC Oil

<b>Signal word:</b>		Not applicable
<b>Symbols:</b>		Not Applicable
<b>Hazard Statements</b> May cause respiratory irritation	<b>Precautionary Statements</b> Avoid breathing mist P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or Doctor/Physician	

**EMERGENCY OVERVIEW:** Prolonged or repeated inhalation of oil mist above the occupational exposure limit may cause irritation of the upper respiratory tract. This material is relatively non-toxic. However, if it enters the respiratory tract during swallowing or vomiting, aspiration pneumonia or edema may occur. Aspiration can be fatal; however, this is unlikely, based on the relatively high viscosity of this material.

**POTENTIAL HEALTH EFFECTS:**

- EYES:** Minor irritation possible following direct eye contact.
- SKIN:** Minor skin irritations possible after prolonged skin contact.
- INGESTION:** Swallowing may result in aspiration. Material entering the respiratory tract directly or during vomiting can cause aspiration, resulting in pneumonia or edema. Aspiration can be fatal; however, this is unlikely, based on the relatively high viscosity of this material.
- INHALATION:** Inhalation of oil mist in high concentrations may result in irritation of upper respiratory tract.

**ACUTE HEALTH HAZARDS:**

See above.

**CHRONIC HEALTH HAZARDS:**

No known hazards. See section 11.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:**

Pre-existing respiratory conditions may predispose some persons to greater of irritation or breathing difficulties. Note: when this product is used with accordance with CommScope instructions, no oil mist should be generated.

Additional Information

Respiratory irritation has not been reported in workers exposed to airborne concentrations below the Occupational Exposure limit of 5mg/m<sup>3</sup>.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

<b>INGREDIENTS (Chemical/Common Names):</b>	<b>CAS No.:</b>	<b>% by Wt:</b>	<b>EC No.:</b>
Base oil, highly refined	8042-47-5	100	232-455-8

Additional Information

None.

**SECTION 4: FIRST AID MEASURES**

- EYE CONTACT:** Rinse immediately with water for at least 15 minutes. Contact a doctor/physician if irritation persists.
- SKIN CONTACT:** Cleanse with soap and water. Rinse with water. Contact a doctor/physician if irritation persists.
- INGESTION:** Do not induce vomiting. May cause pneumonia or edema. Give the victim water to drink. Never give water to an unconscious person. If victim is not breathing, CALL 911 and immediately begin artificial respiration.
- INHALATION:** If respiratory symptoms or other symptoms of exposure develop, move victim to fresh air and seek medical attention. If breathing difficulties develop, seek immediate medical attention. Keep victim warm, quiet and seek immediate medical attention. If victim is not breathing, CALL 911, move victim to fresh air and immediately begin artificial respiration.

Additional Information

Note to physician: If swallowed, avoid aspiration. Do not induce vomiting.

**SECTION 5: FIRE-FIGHTING MEASURES****SUITABLE EXTINGUISHING MEDIA:**

Carbon dioxide, foam, dry chemical.

**SPECIAL FIRE FIGHTING PROCEDURES & PROTECTIVE EQUIPMENT:**

In the event of fire, wear self-contained breathing apparatus.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

None Known.

**SPECIFIC HAZARDS IN CASE OF FIRE:**

Vapors are heavier than air and may spread along the floors. Development of hazardous combustion gases or vapors possible.

Additional Information

None known.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****PERSONAL PRECAUTIONS:**

Wear appropriate personal protective equipment when responding, as specified under Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION below.

**ENVIRONMENTAL PRECAUTIONS:**

Do not allow to go down drains.

**SPILL CONTAINMENT & CLEANUP METHODS/MATERIALS:**

Cover drains. Use oil absorbent material. Keep away from incompatible materials (see section 10). Collect and dispose of in accordance with local, state, provincial, and federal regulations.

Additional Information

None.

**SECTION 7: HANDLING AND STORAGE****PRECAUTIONS FOR SAFE HANDLING AND STORAGE:**

**Handling:** Avoid contact with eyes and skin. Avoid exposing product to extreme temperatures, sparks, or open flame. Avoid conditions that can expose product to electrostatic discharges. Keep container closed. Avoid generating mist.

**OTHER PRECAUTIONS (e.g.; Incompatibilities):**

Keep away from strong oxidizing agents.

Additional Information

Remove contaminated clothing immediately.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****ENGINEERING CONTROLS/SYSTEM DESIGN INFORMATION:**

None required under normal use conditions. Use local exhaust ventilation if mist generation is likely.

**VENTILATION:**

General dilution ventilation is acceptable. Use local exhaust ventilation if mist generation is likely.

**RESPIRATORY PROTECTION:**

If ventilation is inadequate to keep air concentrations below the established exposure limits (see Exposure Guidelines, below), use a dust/mist respirator approved by NIOSH (the National Institute of Occupational Safety and Health) or another standard setting organization approved by the occupational health and safety regulatory agency.

**EYE PROTECTION:**

Use safety glasses with side shield or goggles to prevent contact with eyes, as appropriate to the given operation.

**SKIN PROTECTION:**

Avoid contact with skin. Use nitrile rubber or neoprene gloves to prevent skin contact, as appropriate to the given operation.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:**

None required under normal use conditions. Appropriate protective clothing made of nitrile rubber or neoprene may be appropriate for some tasks.

**EXPOSURE GUIDELINES & LIMITS:**

OSHA	Permissible Exposure Limit (PEL)	Oil mist, mineral	5mg/m <sup>3</sup>
	Short-Term Exposure Limit (STEL)	Oil mist, mineral	NE
ACGIH	Threshold Limit Value (TLV-TWA)	Oil mist, mineral	5mg/m <sup>3</sup>
	Short-Term Exposure Limit (STEL)	Oil mist, mineral	NE
Quebec	Time-Weighted Average Exposure Value	Oil mist, mineral	5mg/m <sup>3</sup>
	Short-Term Exposure Value	Oil mist, mineral	10mg/m <sup>3</sup>
Ontario	Occupational Exposure Level (OEL)	Oil mist, mineral	5mg/m <sup>3</sup>
	Short-Term Exposure Limit	Oil mist, mineral	NE

TWA – 8-Hour Time Weighted Average/ NE – Not Established

Additional Information

None known.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE:</b>	Clear yellow to amber liquid
<b>ODOR:</b>	Mild oil-like
<b>ODOR THRESHOLD:</b>	No data available (NA)
<b>PHYSICAL STATE:</b>	Liquid
<b>pH:</b>	NA
<b>BOILING POINT:</b>	NA
<b>MELTING POINT:</b>	-15 °C (pour point)
<b>FREEZING POINT:</b>	NA
<b>VAPOR PRESSURE (mm Hg):</b>	NA
<b>VAPOR DENSITY (AIR = 1):</b>	NA
<b>SPECIFIC GRAVITY (H<sub>2</sub>O = 1):</b>	0.87
<b>EVAPORATION RATE (Butyl acetate=1):</b>	Much lower than 1
<b>SOLUBILITY IN WATER:</b>	Insoluble (soluble in aliphatic hydrocarbons)
<b>FLASH POINT:</b>	>250 °C
<b>AUTO-IGNITION TEMPERATURE:</b>	NA
<b>LOWER EXPLOSIVE LIMIT (LEL):</b>	NA
<b>UPPER EXPLOSIVE LIMIT (UEL):</b>	NA
<b>PARTITION COEFFICIENT (Octanol/Water):</b>	>6
<b>VISCOSITY, KINEMATIC (mm<sup>2</sup>/s @ 40° C):</b>	68
<b>DECOMPOSITION TEMPERATURE:</b>	NA

**FLAMMABILITY/HMIS HAZARD CLASSIFICATIONS (US/CN/EU):**

HEALTH: 0

FLAMMABILITY: 1

REACTIVITY: 0

Additional Information

None.

**SECTION 10: STABILITY AND REACTIVITY**

<b>STABILITY</b>	Stable.
<b>INCOMPATIBILITY (MATERIAL TO AVOID):</b>	Strong oxidizers, nitric acid, chlorates and perchlorates.
<b>HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:</b>	Carbon monoxide and carbon dioxide.
<b>HAZARDOUS POLYMERIZATION:</b>	Will not occur
<b>CONDITIONS TO AVOID:</b>	Protect containers from sources of heat, sparks or static discharge.

Additional Information

None.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**ACUTE TOXICITY (Test Results Basis and Comments):**

LD<sub>50</sub> (Oral, Rat) = Greater than 5000 mg/kg. Does not meet GHS definition for Hazard Category 5.

**SUBCHRONIC/CHRONIC TOXICITY (Test Results and Comments):**

Highly refined mineral oil is not listed by OSHA, NTP or IARC as a carcinogen. The IARC classification is 3 (not classifiable as to carcinogenicity to humans). The ACGIH classifies this as A4: Not Classifiable as a Human Carcinogen.

Additional Information

None.

**SECTION 12: ECOLOGICAL INFORMATION**

**PERSISTENCE & DEGRADABILITY:**

No data available on biodegradation.

**BIO-ACCUMULATIVE POTENTIAL (Including Mobility):**

No data available on bioaccumulation.

**AQUATIC TOXICITY (Test Results & Comments):**

LC<sub>50</sub> (Freshwater fish): NA

LC<sub>50</sub> (Marine fish): NA

Additional Information

- No known effects on stratospheric ozone depletion.
- Volatile organic compounds: None.
- Water Endangering Class (WGK): 1

**SECTION 13: DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL**

Follow local, State/Provincial, and Federal/National regulations applicable to as-used, end of-life characteristics to be determined by end-user.

**METHOD:**

**HAZARDOUS WASTE**

**CLASS/CODE:**

US - Not applicable to material as manufactured for distribution into commerce.

CN – Not applicable to material as manufactured for distribution into commerce.

EWC – Not applicable to material as manufactured for distribution into commerce.

Additional Information

Recycle used/off specification material as allowed by local jurisdiction.

**SECTION 14: TRANSPORT INFORMATION**

**GROUND – US-DOT/CAN-TDG/EU-ADR/APEC-ADR:**

Proper Shipping Name	NA – Not Classified as dangerous goods.		
Hazard Class	NA	ID Number	NA
Packing Group	NA	Labels	NA

**AIRCRAFT – ICAO-IATA:**

Proper Shipping Name	NA – Not Classified as dangerous goods.		
Hazard Class	NA	ID Number	UN1219
Packing Group	NA	Labels	NA

**VESSEL – IMO-IMDG:**

Proper Shipping Name	NA – Not Classified as dangerous goods.		
Hazard Class	NA	ID Number	NA
Packing Group	NA	Labels	NA
Marine pollutant	No		

**Additional Information**

No restrictions regarding stowage on marine vessels (on deck or below deck).

<b>SECTION 15: REGULATORY INFORMATION</b>
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**INVENTORY STATUS**

All components are listed on the TSCA; EINECS/ELINCS; and DSL, unless noted otherwise below.

**US FEDERAL REGULATIONS:**

**TSCA Section 8b – Inventory Status:** All chemicals comprising this product are either exempt or listed on the TSCA Inventory.

**TSCA Section 12b – Export Notification:** If the product contains chemicals subject to TSCA Section 12b export notification they are listed below:

<u>Chemical</u>	<u>CAS #</u>
None	NA

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT)**

Chemicals present in the product which could require reporting under the statute:

<u>Chemical</u>	<u>CAS #</u>
None	NA

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

If the product contains chemicals subject to the reporting requirements of Section 313 of SARA Title III, they are listed below.

<u>Chemical</u>	<u>CAS #</u>	<u>% wt</u>
None	NA	NA

**CERCLA SECTION 311/312 HAZARD CATEGORIES:** Note that this product is exempt from these regulations

Fire Hazard	No
Pressure Hazard	No
Reactivity Hazard	No
Immediate Hazard	No
Delayed Hazard	No

**STATE REGULATIONS (US)**

**California Proposition 65**

The following chemicals identified to exist in the product as distributed into commerce are known to the State of California to cause cancer, birth defects, or other reproductive harm:

<u>Chemical</u>	<u>CAS #</u>	<u>% wt</u>
None	NA	NA

**California Consumer Product Volatile Organic Compound Emissions**

This product may be regulated as a Consumer Product for purposes of CARB/OTC VOC Regulations, as-sold for the intended purpose and into the industrial/Commercial supply chain (See Section 12 for VOC information)

**INTERNATIONAL REGULATIONS (Non-US)**

**Canadian Domestic Substance List (DSL)**

All ingredients remaining in the product as distributed into commerce are included on the Domestic Substances List.

**WHMIS Classifications**

Not Classified.

This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR.

### NPRI and Ontario Regulation 127/01

This product contains the following chemicals subject to the reporting requirements of Canada NPRI and/or Ont. Reg. 127/01:

<u>Chemical</u>	<u>CAS #</u>	<u>% wt</u>
None	NA	NA

### European Inventory of Existing Commercial Chemical Substances (EINECS)

All ingredients remaining in the product as distributed into commerce are exempt from, or included on, the European Inventory of Existing Commercial Chemical Substances.

### European Communities (EC) Hazard Classification according to directives 1272/2008/EC—Classification, Labelling and Packaging of Substances and Mixtures and 98/24/EC—Chemical Agents at Work.

Please refer to the GHS Classifications and Hazard/precaution statements in Section 2.

### Additional Information

This product may be regulated under additional regulations and laws not identified above, such as for uses other than described or as-designed/as-intended by the manufacturer, or for distribution into specific domestic destinations.

## SECTION 16: OTHER INFORMATION

### OTHER INFORMATION

Distribution into Quebec to follow Canadian Controlled Product Regulations (CPR) 24(1) and 24(2).

Distribution into the EU to follow applicable Directives to the Use, Import/Export of the product as-sold

### REFERENCES:

1. ACGIH (2011), Guide to Occupational Exposure Values, American Conference of Governmental Industrial Hygienists, Cincinnati, Ohio.
2. ACGIH (2015), 2013 TLVs and BEIs Based on the Documentation of the Threshold Limit Values and Biological Exposure Indices, American Conference of Governmental Industrial Hygienists, Cincinnati, Ohio.
3. Cal-EPA (2014), Safe Drinking Water and Toxic Enforcement Act of 1986, Chemicals Known to the State to Cause Cancer or Reproductive Toxicity, Proposition 65 list dated April 11, 2013.
4. CSST (2014) Laws and Corresponding Regulations of Québec, "Regulation respecting the quality of the work environment, An Act respecting occupational health and safety" (L.R.Q., c. S-2.1, r. 15), La Commission de la Santé et de la Sécurité du Travail du Québec. Updated 1 April 2013.
5. IARC (2015) "IARC Monographs on the Evaluation of Carcinogenic Risks to Humans," International Agency for Research on Cancer, World Health Organization, Lyon, France.
6. Ontario Ministry of Labour (2014). Control of Exposure to Biological or Chemical Agents. R.R.O. 1990, Regulation 833, as amended by O. Reg. 149/12. 12 June 2012.
7. U.S. Department of Labor, Occupational Safety and Health Administration (2013), "Air Contaminants," 29 CFR 1910.1000. Accessed at <http://www.osha.gov/law-regs.html> on April 30, 2013.
8. United Kingdom Health and Safety Executive (2013), "Table 1: List of approved workplace exposure limits (as consolidated with amendments, 2011)," Health & Safety Commission, EH40/2005.

### MSDS/SDS PREPARATION INFORMATION:

DATE OF ISSUE: **10 December 2015**

SUPERCEDES **9 December 2013**

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**MATERIAL SAFETY DATA SHEET****COMM093****(US, CN, EU Version for International Trade)**

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**END**