

## Section 1 ~ Identification

<b>Identity (As Used On Label and List)</b> <b>A1095 GRAPHITE LUBE</b>	<b>Date Prepared:</b> 05-02-2024
<b>Company Information:</b> OMEGA INDUSTRIAL SUPPLY, INC	<b>Emergency Telephone Number:</b> 1-800-424-9300
<b>Address (Number, Street, Suite/Apt#)</b> 1133 WEST 27TH STREET	<b>Telephone Number for Information:</b> 1-800-571-7347
<b>(City, State, and Zip Code)</b> CHEYENNE, WY 82001	<b>Signature of Prepare (Optional)</b> REGULATORY DEPT.

## Section 2 ~ Hazard(s) Identification

**Classification (GHS-US)**  
Flam. Aerosol 1 H222  
Skin Irrit. 2 H315  
Muta. 1B H340  
Carc. 1A H350  
STOT SE 3 H336  
STOT RE 2 H373  
Asp. Tox. 1 H304

### Label Elements

#### Hazardous Pictograms (GHS-US)



GHS02



GHS07



GHS08

**Signal Word (GHS-US):** Danger

#### Hazard Statement (GHS-US)

Extreme flammable aerosol. May be fatal if swallowed and enters airways. Causes skin irritation. May cause drowsiness or dizziness. May cause genetic defects. May cause cancer (Inhalation). May cause damage to organs through prolonged or repeated exposure.

#### Precautionary Statement (GHS-US)

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, open flames, sparks. – No smoking. Do not breathe fume, gas, mist, spray, vapors. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear eye protection, protective clothing, protective gloves. **If Swallowed:** Immediately call a doctor, a POISON CENTER. **If on Skin:** Wash with plenty of water. **If Inhaled:** Remove person to fresh air and keep comfortable for breathing. If exposed or concerned: Get medical advice/attention call a doctor/POISON CENTER if you feel unwell. Get medical advice/attention if you feel unwell. Do NOT induce vomiting. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Dispose of contents/container to comply with local/regional/national/international regulations.

#### Other Hazards

No additional information available

#### Unknown Acute Toxicity (GHS-US)

Not applicable

## Section 3 ~ Composition/Information on Ingredients

**Substance:** Not applicable

**Full text of H-phrases:** see section 16

Components (Specific Chemical Identity, Common Name(s))	CAS No.	Classification (GHS US)	%(Wt.)
Toluene	108-88-3	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 STOT RE 2, H373 Asp. Tox. 1, H304	45 – 70%
Crystalline Silica	14808-60-7	Carc. 1A, H350 STOT RE 1, H372	0.1 – 1%
Benzene	71-43-2	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Muta. 1B, H340 Carc. 1A, H350 STOT RE 1, H372 Asp. Tox. 1, H304	0.1 – 1%
Ethylbenzene	100-41-4	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation:vapour), H332 Carc. 2, H351 STOT RE 2, H373 Asp. Tox. 1, H304	0.1 – 1%

A specific chemical identity and/or percentage of composition has been withheld as a trade secret. Any concentration shown as a range is to protect confidentiality or is due to batch variation.

## Section 4 ~ First Aid Measures

### Description of First Aid Measures

**First-Aid Measures General:** If you feel unwell, seek medical advice (show the label where possible). If exposed or concerned: Get medical advice/attention.

**First-Aid Measures After Inhalation:** If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or a doctor if you feel unwell.

**First-Aid Measures After Skin Contact:** Take off immediately all contaminated clothing and wash it before reuse. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

**First-Aid Measures After Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**First-Aid Measures After Ingestion:** Do NOT induce vomiting. Rinse mouth with water. Immediately call a poison center or doctor/physician.

### Most Important Symptoms and Effects, Both Acute and Delayed

**Symptoms/Effects:** May be fatal if swallowed and enters airways. May cause drowsiness or dizziness. May cause genetic defects. May cause cancer. May cause damage to organs through prolonged or repeated exposure.

**Symptoms/Effects After Inhalation:** May cause respiratory irritation. Central nervous system depression. Prolonged exposure: danger of damage to health through inhalation.

**Symptoms/Effects After Skin Contact:** Causes skin irritation.

**Symptoms/Effects After Eye Contact:** Direct contact with the eyes is likely to be irritating.

**Symptoms/Effects After Ingestion:** May be fatal if swallowed and enters airways.

**Indication of Any Immediate Medical Attention and Special Treatment Needed:** Treat symptomatically.

## Section 5 ~ Fire Fighting Measures

### Extinguishing Media

**Suitable Extinguishing Media:** Foam. Carbon dioxide. Dry chemical powder.

### Special Hazards Arising from the Substance or Mixture

**Fire Hazard:** Extremely flammable aerosol.

**Explosion Hazard:** Pressurized container: may burst if heated. Vapors may travel long distances along ground before igniting/flashing back to vapor source.

**Reactivity:** Upon combustion: CO and CO<sub>2</sub> are formed.

### Advice for Firefighters

**Firefighting Instructions:** Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Take account of environmentally hazardous firefighting water.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

## Section 6 ~ Accidental Release Measures

### Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Isolate from fire, if possible, without unnecessary risk. Eliminate every possible source of ignition.

#### For Non-Emergency Personnel

**Protective Equipment:** Protective goggles. Gloves. Protective clothing.

**Emergency Procedures:** Evacuate unnecessary personnel. Avoid contact with skin, eyes and clothing. Ventilate spillage area.

#### For Emergency Responders

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Stop leak if safe to do so. Stop release. Ventilate area.

**Environmental Precautions:** Avoid release to the environment. Prevent entry to sewers and public waters.

### Methods and Material for Containment and Cleaning Up

**For Containment:** Contain released substance, pump into suitable containers.

**Methods for Cleaning Up:** This material and its container must be disposed of in a safe way, and as per local legislation.

**Reference to Other Sections:** No additional information available

## Section 7 ~ Handling and Storage

### Precautions for Safe Handling

**Additional Hazards when Processed:** Do not puncture, incinerate or crush. Do not use if spray button is missing or defective.

**Precautions for Safe Handling:** Comply with the legal requirements. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin, or on clothing. Obtain special instructions before use. Do not breathe gas/vapor/aerosol. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Do not re-use empty containers. Handle uncleaned empty containers as full ones.

**Hygiene Measures:** Wash thoroughly after handling. Wash contaminated clothing before reuse.

### Conditions for Safe Storage, Including any Incompatibilities

**Technical Measures:** Comply with applicable regulations.

**Storage Conditions:** Keep cool. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

**Incompatible Materials:** Sources of ignition. Direct sunlight. Heat sources.

**Heat-Ignition:** KEEP SUBSTANCE AWAY FROM: ignition sources, heat sources.

**Storage Area:** Meet the legal requirements. Store in a cool area. Store in a dry area.

**Special Rules on Packaging:** Meet the legal requirements.

## Section 8 ~ Exposure Controls/Personal Protection

### Control Parameters

#### Crystalline Silica (14808-60-7)

OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	0.1
OSHA	Remark (OSHA)	(3) See Table Z-3.

#### Toluene (108-88-3)

ACGIH	ACGIH TWA (ppm)	20 ppm
ACGIH	Remark (ACGIH)	Visual impair; female repro; pregnancy loss; A4; BEI
OSHA	Remark (OSHA)	(2) See Table Z-2.

#### Benzene (71-43-2)

ACGIH	ACGIH TWA (ppm)	0.5 ppm
ACGIH	ACGIH STEL (ppm)	2.5 ppm
ACGIH	Remark (ACGIH)	Leukemia

#### Ethylbenzene (100-41-4)

ACGIH	ACGIH TWA (ppm)	20 ppm
ACGIH	Remark (ACGIH)	URT irr; kidney dam (nephropathy)
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	435 mg/m <sup>3</sup>
OSHA	OSHA PEL (TWA) (ppm)	100 ppm

### Exposure Controls

**Personal Protective Equipment:** Use appropriate personal protective equipment when risk assessment indicates this is necessary. Gloves. Safety glasses. Protective clothing. Insufficient ventilation: wear respiratory protection.



## Section 9 ~ Physical Chemical Properties

### Information on Basic Physical and Chemical Properties

**Physical State:** Liquid

**Appearance:** Aerosol. Grey.

**Odor:** Hydrocarbon odor

**Odor Threshold:** No data available

**pH:** No data available

**Melting Point:** No data available

**Freezing Point:** No data available

**Boiling Point:** No data available

**Flash Point:** No data available

**Relative Evaporation Rate (butyl acetate=1):** No data available

**Flammability (solid, gas):** No data available

**Explosion Limits:** No data available

**Explosive Properties:** No data available

**Oxidizing Properties:** No data available

**Vapor Pressure:** ≈ 4.4 atm @ 70°F

**Relative Density:** No data available

**Relative Vapor Density at 20°C:** No data available

**Solubility:** Negligible.

**Log Pow:** No data available

**Log Kow:** No data available

**Auto-Ignition Temperature:** No data available

**Decomposition Temperature:** No data available

**Viscosity:** No data available

**Viscosity, Kinematic:** < 20 cSt

**Viscosity, Dynamic:** No data available

**VOC Content:** < 85 %

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**Section 10 ~ Stability and Reactivity**

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**Reactivity:** Upon combustion: CO and CO<sub>2</sub> are formed.

**Chemical Stability:** Stable under normal conditions.

**Possibility of Hazardous Reactions:** Refer to section 10 on Reactivity.

**Conditions to Avoid:** Heat. No flames, No sparks. Eliminate all sources of ignition.

**Incompatible Materials:** No additional information available

**Hazardous Decomposition Products:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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**Section 11 ~ Toxicological Information**

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**Information on Toxicological Effects**

**Acute Toxicity:** Not classified

**Ethylbenzene (100-41-4)**

LD50 oral rat	3500 mg/kg (Rat; Other; Experimental value)
LD50 dermal rabbit	15415 mg/kg (Rabbit; Literature study; Other; 15432 mg/kg; Rabbit; Experimental value)
LC50 inhalation rat (mg/l)	17.8 mg/l/4h (Rat; Literature study)
LC50 inhalation rat (ppm)	4000 ppm/4h (Rat; Literature study)
ATE CLP (oral)	3500 mg/kg body weight
ATE CLP (dermal)	15415 mg/kg body weight
ATE CLP (gases)	4000 ppmV/4h
ATE CLP (vapors)	17.8 mg/l/4h
ATE CLP (dust, mist)	17.8 mg/l/4h

**Skin Corrosion/Irritation:** Causes skin irritation.

**Serious Eye Damage/Irritation:** Not classified

**Respiratory or Skin Sensitization:** Not classified

**Germ Cell Mutagenicity:** May cause genetic defects.

**Carcinogenicity:** May cause cancer (Inhalation).

**Crystalline Silica (14808-60-7)**

IARC group 1 - Carcinogenic to Humans

**Toluene (108-88-3)**

IARC group 3 - Not Classifiable

**Benzene (71-43-2)**

IARC group 1 - Carcinogenic to humans

National Toxicology Program (NTP) Status 2 - Known Human Carcinogens

**Ethylbenzene (100-41-4)**

IARC group 2B - Possibly carcinogenic to humans

**Reproductive Toxicity:** Not classified

**Specific Target Organ Toxicity (single exposure):** May cause drowsiness or dizziness.

**Specific Target Organ Toxicity (repeated exposure):** May cause damage to organs through prolonged or repeated exposure.

**Aspiration Hazard:** May be fatal if swallowed and enters airways.

**Symptoms/Effects:** May be fatal if swallowed and enters airways. May cause drowsiness or dizziness. May cause genetic defects. May cause cancer. May cause damage to organs through prolonged or repeated exposure.

**Symptoms/Effects After Inhalation:** May cause respiratory irritation. Central nervous system depression. Prolonged exposure: danger of damage to health through inhalation.

**Symptoms/Effects After Skin Contact:** Causes skin irritation.

**Symptoms/Effects After Eye Contact:** Direct contact with the eyes is likely to be irritating.

**Symptoms/Effects After Ingestion:** May be fatal if swallowed and enters airways.

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**Section 12 ~ Ecological Information**

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**Toxicity****Ethylbenzene (100-41-4)**

LC50 fish 2 4.2 mg/l (LC50; OECD 203; Fish, Acute Toxicity Test; 96 h; Salmo gairdneri; Semi-static system; Fresh water; Experimental value)

**Persistence and degradability****Ethylbenzene (100-41-4)**

Persistence and degradability Readily biodegradable in water. Biodegradable in the soil. Low potential for adsorption in soil.

Biochemical oxygen demand (BOD) 1.44 g O<sub>2</sub>/g substance (20d.)

Chemical oxygen demand (COD) 2.1 g O<sub>2</sub>/g substance

ThOD 3.17 g O<sub>2</sub>/g substance

BOD (% of ThOD) 45.4 (20 days)

**Bioaccumulative potential****Ethylbenzene (100-41-4)**

BCF fish 1 1 (BCF; Other; 6 weeks; Oncorhynchus kisutch; Flow-through system; Salt water; Literature study)

BCF fish 2 15 - 79 (BCF)

BCF other aquatic organisms 1 4.68 (BCF)

Log Pow 3.15 (Experimental value; 3.6; Experimental value; EU Method A.8: Partition Coefficient; 20°C)

Bioaccumulative potential Low potential for bioaccumulation (BCF < 500).

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**Section 13 ~ Disposal Considerations**

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**Waste Treatment Methods**

**Water Disposal instructions:** Dispose in a safe manner in accordance with local/national regulations.

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**Section 14 ~ Transport Information**

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**Department of Transportation (DOT)****Additional Information**

**Other Information:** When transported by ground, this product may be eligible to be shipped as a Limited Quantity or Consumer Commodity ORM-D utilizing the exception found at 49 CFR 173.306. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may be required.

**ADR:** No additional information available

**Transport by Sea:** No additional information available

**Air Transport:** No additional information available

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## Section 15 ~ Regulatory Information

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory. Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

Toluene	CAS-No. 108-88-3	45-70%
Benzene	CAS-No. 71-43-2	0.1-1%
Ethylbenzene	CAS-No. 100-41-4	0.1-1%

### **Toluene (108-88-3)**

Subject to reporting requirements of United States SARA Section 313

CERCLA RQ 1000 lb

### **Benzene (71-43-2)**

Subject to reporting requirements of United States SARA Section 313

CERCLA RQ 10 lb

### **Ethylbenzene (100-41-4)**

Subject to reporting requirements of United States SARA Section 313

CERCLA RQ 1000 lb

**WARNING** This product can expose you to toluene, which is known to the State of California to cause birth defects or other reproductive harm, Crystalline Silica, which is known to the State of California to cause cancer, ethylbenzene, which is known to the State of California to cause cancer, and benzene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## Section 16 ~ Other Information

**Training Advice:** Normal use of this product shall imply use in accordance with the instructions on the packaging.

Full Text of H-phrases:

H225 Highly flammable liquid and vapor

H304 May be fatal if swallowed and enters airways

H315 Causes skin irritation

H319 Causes serious eye irritation

H332 Harmful if inhaled

H336 May cause drowsiness or dizziness

H340 May cause genetic defects

H350 May cause cancer

H351 Suspected of causing cancer

H372 Causes damage to organs through prolonged or repeated exposure

H373 May cause damage to organs through prolonged or repeated exposure

	NFPA	HMIS	Key
HEALTH	3	3	4= Severe
FLAMMABILITY	4	4	3= Serious
REACTIVITY	0	0	2= Moderate
OTHER/PROTECTION	-	-	1= Slight
			0= Minimal

Disclaimer: This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Our company assumes no responsibility for personal injury or property damage to the vendee, users or third parties caused by the material. Such vendors or users assume all risks associated with the use of this material.