

### Section 1 ~ Identification

<b>Identity (As Used On Label and List)</b> <b>G3190 NO FREEZE CLEAR SHIELD</b>	<b>Date Prepared:</b> 11-10-2015
<b>Company Information:</b> OMEGA INDUSTRIAL SUPPLY, INC	<b>Emergency Telephone Number:</b> 1-800-424-9300
<b>Address (Number, Street, Suite/Apt#)</b> 101 Grobric Ct #1	<b>Telephone Number for Information:</b> 1-800-571-7347
<b>(City, State, and Zip Code)</b> Fairfield, CA 94534	<b>Signature of Prepare (Optional)</b> REGULATORY DEPT.

### Section 2 ~ Hazard(s) Identification

**Ghs-US Classification** Flam. Liq. 3 Flammable liquid and vapor  
Acute Tox. 4 (Inhalation: dust, mist) Harmful if inhaled  
STOT SE 1 Causes damage to organs

**Label Elements**

**GHS-US Labeling**

**Hazardous Pictograms (GHS-US)**



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

GHS02

GHS07

GHS08

**Hazardous Statements (GHS-US)**

Flammable liquid and vapor. Harmful if inhaled

**Precautionary Statement (GHS-US)**

Keep away from sparks, open flames, heat. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe vapors, spray, mist. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear eye protection, protective gloves. **If on skin (or hair):** Take off immediately all contaminated clothing. Rinse skin with water/shower. **If inhaled:** Remove person to fresh air and keep comfortable for breathing. **If exposed:** Call a poison center/doctor. Call a doctor if you feel unwell. Specific treatment (see First Aid measures on this label) **In Case of Fire:** Use ABC-powder to extinguish. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/container to an approved waste disposal plant

**Other Hazards**

No additional information available

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

Not applicable

### Section 3 ~ Composition/Information on Ingredients

**Substance:** Not applicable.

**Mixture**

Name	CAS No.	%(Wt.)	GHS-US Classification
Methanol	67-56-1	25 – 35	Flam. Liq. 2, H225 Acute Tox. 3 (Inhalation), H331 STOT SE 1, H370

**Full text of H-statements:** See section 16

### Section 4 ~ First Aid Measures

**First-Aid Measures General:** Call a POISON CENTER or doctor/physician. Specific treatment (see First aid measures on this label). First aid measures.

**First-Aid Measures After Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

**First-Aid Measures After Skin Contact:** Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

**First-Aid Measures After Eye Contact:** Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes.

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

**Symptoms/Injuries After Inhalation:** Danger of serious damage to health by prolonged exposure through inhalation.

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

### Section 5 ~ Fire Fighting Measures

**Extinguishing Media:** No additional information available

**Special Hazards Arising from the Substance or Mixture**

**Fire Hazard:** Flammable liquid and vapor.

**Explosion Hazard:** May form flammable/explosive vapor-air mixture.

**Advice for Firefighters:** No additional information available

### Section 6 ~ Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures**

**General Measures:** Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.

**For Non-Emergency Personnel:** No additional information available

**For Emergency Responders**

**Protective Equipment:** Avoid breathing Spray, mist.

**Environmental Precautions:** No additional information available

**Methods and Material for Containment and Cleaning Up:** No additional information available

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

### Section 7 ~ Handling and Storage

**Precautions for Safe Handling**

**Additional Hazards When Processed:** Handle empty containers with care because residual vapors are flammable.

**Precautions for Safe Handling:** No open flames. No smoking. Take precautionary measures against static discharge. Use only non-sparking tools. Use only outdoors or in a well-ventilated area. Do not breathe vapors, spray, mist.

**Hygiene Measures:** Wash hands thoroughly after handling.

**Conditions for Safe Storage, Including any Incompatibilities**

**Technical Measures:** Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment.

**Storage Conditions:** Keep container tightly closed.

**Incompatible Materials:** Heat sources.

### Section 8 ~ Exposure Controls/Personal Protection

**Control Parameters**

Methanol (67-56-1)

ACGIH	ACGIH TWA (ppm)	200 ppm
ACGIH	ACHIG STEL (ppm)	250 ppm
ACGIH	Remark (ACGIH)	Headache; eye dam; dizziness; nausea
OSHA	OSHA PEL (TWA) (mg/m3)	260 mg/m3
OSHA	OSHA PEL (TWA) (ppm)	200 ppm

**Exposure Controls****Personal Protective Equipment:** Gloves, Safety glasses.**Respiratory Protection:** Where exposure through inhalation may occur from use, respiratory protection equipment is recommended.**Section 9 ~ Physical and Chemical Properties****Physical State:** Liquid**Color:** Blue**Odor:** There may be no odor warning properties, odor is subjective and inadequate to warn of overexposure.

Mixture contains one or more component(s) which have the following odor(s) Characteristic odor Mild odor Pleasant odor Alcohol odor Commercial/unpurified substance:

Irritating/pungent 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 (butylacetate=1):** No data available**Flammability (solid, gas):** No data available**Explosive Limits:** No data available**Explosive Properties:** No data available**Oxidizing Properties:** No data available**Vapor Pressure:** No data available**Relative Density:** No data available**Relative Vapor Density at 20 °C:** No data available**Solubility:** Water: Solubility in water of component(s) of the mixture: • methanol: >= 100 g/100ml (20 °C)**Log Pow:** No data available**Auto-Ignition Temperature:** No data available**Decomposition Temperature:** No data available**Viscosity:** No data available**Viscosity, Kinematic:** No data available**Viscosity, Dynamic:** No data available**Other Information:** No additional information available**Section 10 ~ Stability and Reactivity****Reactivity:** No additional information available**Chemical Stability:** Flammable liquid and vapor. May form flammable/explosive vapor-air mixture.**Possibility of Hazardous Reactions:** No additional information available**Conditions to Avoid:** Open flame. Overheating. Direct sunlight. Heat. Sparks.**Incompatible Materials:** No additional information available**Hazardous Decomposition Products:** May release flammable gases.**Section 11 ~ Toxicological Information****Acute Toxicity:** Inhalation: dust, mist: Harmful if inhaled.**No Freeze Clear Shield**

ATE US (dust,mist) 1.429 mg/l/4h

**Methanol (67-56-1)**

LD50 oral rat &gt; 5000 mg/kg (Rat; BASF test; Literature study; 1187-2769 mg/kg bodyweight; Rat; Weight of evidence)

LD50 dermal rabbit 15800 mg/kg (Rabbit; Literature study)

LC50 inhalation rat (mg/l) 85 mg/l/4h (Rat; Literature study)

LC50 inhalation rat (ppm) 64000 ppm/4h (Rat; Literature study)

ATE US (dermal) 15800.000 mg/kg bodyweight

ATE US (gases) 700.000 ppmv/4h

ATE US (vapours) 3.000 mg/l/4h

ATE US (dust,mist) 0.500 mg/l/4h

**Skin Corrosion/Irritation:** Not classified**Serious Eye Damage/Irritation:** Not classified**Respiratory or Skin Sensitization:** Not classified**Germ Cell Mutagenicity:** Not classified**Carcinogenicity:** Not classified**Reproductive Toxicity:** Not classified**Specific Target Organ Toxicity (single exposure):** Causes damage to organs.**Specific Target Organ Toxicity (repeated exposure):** Not classified**Aspiration Hazard:** Not classified**Potential Adverse Human Health Effects and Symptoms:** Harmful if inhaled.**Symptoms/Injuries After Inhalation:** Danger of serious damage to health by prolonged exposure through inhalation.**Section 12 ~ Ecological Information****Toxicity****Methanol (67-56-1)**

LC50 fish 1 15400 mg/l (LC50; EPA 660/3 - 75/009; 96 h; Lepomis macrochirus; Flow-through system; Fresh water; Experimental value)

EC50 Daphnia 1 &gt; 10000 mg/l (EC50; DIN 38412-11; 48 h; Daphnia magna; Static system; Fresh water; Experimental value)

LC50 fish 2 10800 mg/l (LC50; 96 h; Salmo gairdneri)

**Persistence and Degradability****Methanol (67-56-1)**

Persistence and degradability Readily biodegradable in water. Biodegradable in the soil. Highly mobile in soil.

Biochemical oxygen demand (BOD) 0.6 - 1.12 g O<sub>2</sub>/g substanceChemical oxygen demand (COD) 1.42 g O<sub>2</sub>/g substanceThOD 1.5 g O<sub>2</sub>/g substance

BOD (% of ThOD) 0.8 (Literature study)

**Bioaccumulative Potential****Methanol (67-56-1)**

BCF fish 1 &lt; 10 (BCF; 72 h; Leuciscus idus)

Log Pow -0.77 (Experimental value; Other)

Bioaccumulative potential Low potential for bioaccumulation (BCF &lt; 500).

**Mobility in Soil****Methanol (67-56-1)**

Surface tension 0.023 N/m (20 °C)

Log Koc Koc, PCKOCWIN v1.66; 1; Calculated value

**Other Adverse Effects**

Effect on the global warming: No known ecological damage caused by this product.

**Section 13 ~ Disposal Considerations****Waste Treatment Methods****Waste Disposal Recommendations:** Dispose of contents/container to an approved waste disposal plant.**Additional Information:** Handle empty containers with care because residual vapors are flammable.

**Section 14 ~ Transport Information**

**Department of Transportation (DOT)**

In accordance with DOT Transport document description: UN1993 Methanol, 3, III  
 UN-No.(DOT): UN1993  
 Proper Shipping Name (DOT): Flammable liquids, n.o.s.  
 Transport hazard class(es) (DOT): 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120  
 Hazard labels (DOT): 3 - Flammable liquid  
 LTD QTY - Limited quantity



Packing group (DOT): III - Minor Danger  
 DOT Packaging Bulk (49 CFR 173.xxx): 242  
 DOT Symbols: G - Identifies PSN requiring a technical name  
 DOT Packaging Exceptions (49 CFR 173.xxx): 150  
 DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27): 60 L  
 DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75): 220 L  
 DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.  
 Other information : No supplementary information available.

**TDG**

No additional information available

**Transport by Sea**

UN-No. (IMDG): 1993  
 Proper Shipping Name (IMDG): FLAMMABLE LIQUID, N.O.S.  
 Class (IMDG): 3 - Flammable liquids  
 Packing group (IMDG): III - substances presenting low danger

**Air Transport**

UN-No. (IATA): 1993  
 Proper Shipping Name (IATA): Flammable liquid, n.o.s.  
 Class (IATA): 3 - Flammable Liquids  
 Packing group (IATA): III - Minor Danger

**Section 15 ~ Regulatory Information**

**US Federal Regulations**

**No Freeze Clear Shield**

Not listed on the United States TSCA (Toxic Substances Control Act) inventory  
 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.  
 Methanol CAS No 67-56-1 25 - 35%

**Methanol (67-56-1)**

Subject to reporting requirements of United States SARA Section 313  
 RQ (Reportable quantity, section 304 of EPA's List of Lists) 5000 lb

**International Regulations**

CANADA: No additional information available  
 EU-Regulations: No additional information available  
 National Regulations: No additional information available

**US State Regulations**

California Proposition 65 - This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer and/or reproductive toxicity.

**Methanol (67-56-1)**

U.S. - California - Proposition 65 - Carcinogens List: No  
 U.S. - California - Proposition 65 - Developmental Toxicity: Yes  
 U.S. - California - Proposition 65 - Reproductive Toxicity - Female: No  
 U.S. - California - Proposition 65 - Reproductive Toxicity - Male: No  
 Non-significant risk level (NSRL)

**Methanol (67-56-1)**

U.S. - Massachusetts - Right To Know List  
 U.S. - New Jersey - Right to Know Hazardous Substance List  
 U.S. - Pennsylvania - RTK (Right to Know) List

**Section 16 ~ Other Information**

Full Text of H-phrases:

Acute Tox. 3 (Inhalation) Acute toxicity (inhal.), Category 3  
 Acute Tox. 4 (Inhalation: dust, mist) Acute toxicity (inhalation: dust, mist) Category 4  
 Flam. Liq. 2 Flammable liquids, Category 2  
 Flam. Liq. 3 Flammable liquids, Category 3  
 STOT SE 1 Specific target organ toxicity — single exposure, Category 1  
 H225 Highly flammable liquid and vapor  
 H226 Flammable liquid and vapor  
 H331 Toxic if inhaled  
 H332 Harmful if inhaled  
 H370 Causes damage to organs

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

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