

## Section 1 ~ Identification

<b>Identity (As Used On Label and List)</b> <b>G3107 MEGA CLEAR CONCENTRATE</b>	<b>Date Prepared:</b> 12-15-2015
<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

<b>GHS-US Classification</b>	Flammable liquids, Category 3 Skin corrosion/irritation, Category 1A Serious eye damage/eye irritation, Category 1 Specific target organ toxicity — Single exposure, Category 3, Narcosis	Flammable liquid and vapor Causes severe skin burns and eye damage Causes serious eye damage May cause drowsiness or dizziness
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### Label Elements

#### GHS-US Labeling

#### Hazardous Pictograms (GHS-US)



GHS07

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

**Contains:** 2-propanol; ammonium hydroxide, solution, 25%<=conc<35%

**Hazardous Statements (GHS-US)** Causes severe skin burns and eye damage. Combustible liquid

**Precautionary Statement (GHS-US)** Keep away from heat. - No smoking. Keep container tightly closed. Do not breathe vapors, spray, mist. Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear eye protection, protective gloves. **If swallowed:** rinse mouth. Do NOT induce vomiting. **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 in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor. Call a doctor if you feel unwell. Specific treatment (see First Aid measures on this label). Wash contaminated clothing before reuse. In case of fire: Use ABC-powder to extinguish. Store in a well-ventilated place. Keep container tightly closed. 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
2-propanol	67-63-0	50 – 54	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336
ammonium hydroxide, solution, 25%<=conc<35%	1336-21-6	3 – 5	Skin Corr. 1A, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400

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

## Section 4 ~ First Aid Measures

### Description of First Aid Measures

**First-Aid Measures General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

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

**First-Aid Measures After Skin Contact:** Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Immediately call a POISON CENTER or doctor/physician.

**First-Aid Measures After Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

**First-Aid Measures After Ingestion:** Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

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

**Symptoms/Injuries:** Causes skin irritation. Skin rash/inflammation.

**Symptoms/Injuries After Inhalation:** May cause drowsiness or dizziness.

**Symptoms/Injuries After Eye Contact:** Causes serious eye damage.

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

## Section 5 ~ Fire Fighting Measures

### Extinguishing Media

**Suitable Extinguishing Media:** Foam. Dry powder. Carbon dioxide. Water spray. Sand.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream.

### Special Hazards Arising from the Substance or Mixture

**Fire Hazard:** Combustible liquid.

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

**Reactivity:** Corrosive vapors.

### Advice for Firefighters

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

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

#### For Non-Emergency Personnel

**Emergency Procedures:** Evacuate unnecessary personnel.

#### For Emergency Responders

**Protective Equipment:** Equip cleanup crew with proper protection. Avoid breathing Spray.

**Emergency Procedures:** Ventilate area.

**Environmental Precautions:** Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

### Methods and Material for Containment and Cleaning Up

**Methods for Cleaning Up:** Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

**Reference to Other Sections:** See Heading 8. Exposure controls and personal protection.

**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:** Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. No open flames. No smoking. Use only non-sparking tools. Do not breathe spray, vapors, mist. Avoid contact during pregnancy/while nursing. Avoid breathing vapors, spray, mist. Use only outdoors or in a well-ventilated area.**Hygiene Measures:** Wash hands thoroughly after handling.**Conditions for Safe Storage, Including any Incompatibilities****Technical Measures:** Comply with applicable regulations.**Storage Conditions:** Keep only in the original container in a cool, well ventilated place away from: Heat sources. Keep container tightly closed.**Incompatible Products:** Strong bases. Strong acids.**Incompatible Materials:** Sources of ignition. Direct sunlight. Heat sources.**Section 8 ~ Exposure Controls/Personal Protection****Control Parameters****2-propanol (67-63-0)**

ACGIH	ACGIH TWA (ppm)	200 ppm
ACGIH	ACGIH STEL (ppm)	400 ppm
ACGIH	Remark (ACGIH)	Eye & URT irr; CNS impair
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	980 mg/m <sup>3</sup>
OSHA	OSHA PEL (TWA) (ppm)	400 ppm

**ammonium hydroxide, solution, 25%<=conc<35% (1336-21-6)**

Not applicable

**Exposure Controls****Personal Protective Equipment:** Gloves. Safety glasses.**Hand Protection:** Wear protective gloves.**Eye Protection:** Chemical goggles or face shield.**Skin and Body Protection:** Wear suitable protective clothing.**Respiratory Protection:** Where exposure through inhalation may occur from use, respiratory protection equipment is recommended.**Other Information:** Do not eat, drink or smoke during use.**Section 9 ~ Physical and Chemical Properties****Physical State:** Liquid**Color:** Blue**Odor:** Ammonia 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:** ≈ 172 °F**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: • 2-propanol: Complete • butyl glycoether: Complete • ammonium hydroxide, solution, 25%<=conc<35%: Complete**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:** Corrosive vapors.**Chemical Stability:** Combustible liquid.**Possibility of Hazardous Reactions:** Not established.**Conditions to Avoid:** Direct sunlight. Extremely high or low temperatures. Open flame.**Incompatible Materials:** Strong acids. Strong bases.**Hazardous Decomposition Products:** Carbon monoxide. Carbon dioxide. May release flammable gases. Thermal decomposition generates: Corrosive vapors.**Section 11 ~ Toxicological Information****Information on Toxicological Effects****Acute Toxicity:** Not classified**2-propanol (67-63-0)**

LD50 dermal rabbit 12870 mg/kg (Rabbit; Experimental value; Equivalent or similar to OECD 402; 16.4; Rabbit)

LC50 inhalation rat (mg/l) 73 mg/l/4h (Rat)

**2-propanol (67-63-0)**

ATE US (dermal) 12870.000 mg/kg bodyweight

ATE US (vapors) 73.000 mg/l/4h

ATE US (dust, mist) 73.000 mg/l/4h

**Skin Corrosion/Irritation:** Causes severe skin burns and eye damage.**Serious Eye Damage/Irritation:** Causes serious eye damage.**Respiratory or Skin Sensitization:** Not classified**Germ Cell Mutagenicity:** Not classified**Carcinogenicity:** Not classified**2-propanol (67-63-0)**

IARC group 3 - Not classifiable

**Reproductive Toxicity:** Not classified**Specific Target Organ Toxicity (single exposure):** May cause drowsiness or dizziness.**Specific Target Organ Toxicity (repeated exposure):** Not classified**Aspiration Hazard:** Not classified**Potential Adverse Human Health Effects and Symptoms:** Based on available data, the classification criteria are not met.**Symptoms/Injuries After Inhalation:** May cause drowsiness or dizziness.**Symptoms/Injuries After Eye Contact:** Causes serious eye damage.**Section 12 ~ Ecological Information****Toxicity****2-propanol (67-63-0)**

LC50 fish 2 9640 mg/l (LC50; OECD 203; Fish, Acute Toxicity Test; 96 h; Pimephales promelas; Flowthrough system; Fresh water; Experimental value)

EC50 Daphnia 2 13299 mg/l (EC50; Other; 48 h; Daphnia magna)

Threshold limit algae 1 &gt; 1000 mg/l (EC50; UBA; 72 h; Scenedesmus subspicatus)

**ammonium hydroxide, solution, 25%<=conc<35% (1336-21-6)**

LC50 fish 1 0.16 - 1.1 mg/l (LC50; 96 h)

EC50 Daphnia 1 2.08 mg/l (LC50; 48 h)

**Persistence and Degradability**

**MEGA CLEAR CONCENTRATE**

Persistence and degradability Not established.

**2-propanol (67-63-0)**

Persistence and degradability Readily biodegradable in water. Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions. No (test)data on mobility of the substance available. Not established.

Biochemical oxygen demand (BOD) 1.19 g O<sub>2</sub>/g substance

Chemical oxygen demand (COD) 2.23 g O<sub>2</sub>/g substance

ThOD 2.40 g O<sub>2</sub>/g substance

**ammonium hydroxide, solution, 25%≤conc<35% (1336-21-6)**

Persistence and degradability Readily biodegradable in water. Ozonation in water. Biodegradable in the soil. No (test)data on mobility of the components available. Ozonation in the air. Not established.

**Bioaccumulative Potential**

**CONCENTRATED GLASS CLEANER**

Bioaccumulative potential Not established.

**2-propanol (67-63-0)**

Log Pow 0.05 (Weight of evidence approach; Other: 25 °C)

Bioaccumulative potential Low potential for bioaccumulation (Log Kow < 4). Not established.

**ammonium hydroxide, solution, 25%≤conc<35% (1336-21-6)**

Log Pow -1.3

Bioaccumulative potential Bioaccumulation: not applicable. Not established.

**Mobility in Soil**

**2-propanol (67-63-0)**

Surface tension 0.021 N/m (25 °C)

**Other Adverse Effects**

**Effect on the Global Warming:** No known ecological damage caused by this product.

**Other Information:** Avoid release to the environment.

**Section 13 ~ Disposal Considerations**

**Waste Treatment Methods**

**Waste Disposal Recommendations:** Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to an approved waste disposal plant.

**Additional Information:** Handle empty containers with care because residual vapors are flammable.

**Ecology - Waste Materials:** Avoid release to the environment.

**Section 14 ~ Transport Information**

**Department of Transportation (DOT)**

**In accordance with DOT:** Not regulated for transport

**TDG:** No additional information available

**Transport by Sea**

**Proper Shipping Name (IMDG):** ISOPROPANOL (ISOPROPYL ALCOHOL)

**Air Transport**

**Proper Shipping Name (IATA):** Isopropanol

**Section 15 ~ Regulatory Information**

**US Federal Regulations**

**MEGA CLEAR CONCENTRATE**

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.

2-propanol CAS No 67-63-0 50 - 54%

ammonium hydroxide, solution, 25%≤conc<35% CAS No 1336-21-6 3 - 5%

**ammonium hydroxide, solution, 25%≤conc<35% (1336-21-6)**

CERCLA RQ 1000 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 does not contain any substances known to the state of California to cause cancer and/or reproductive harm

**2-propanol (67-63-0)**

U.S. - New Jersey - Right to Know Hazardous Substance List

**ammonium hydroxide, solution, 25%≤conc<35% (1336-21-6)**

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) List

**Section 16 ~ Other Information**

**Other Information:** None

Full Text of H-phrases;

H225	Highly flammable liquid and vapor
H226	Flammable liquid and vapor
H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness
H400	Very toxic to aquatic life

	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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