This brief provides a general overview of the **Safety Data Sheet** requirements in the Hazard Communication Standard OSHA's 29 CFR 1910.1200(g) and Appendix D of 29 CFR 1910.1200).

Section 1 ~ Identification

Identity (As Used On Label and List)	**Date Prepared:**
G3197 CLEAN ALL	02-09-2019
Company Information:	**Emergency Telephone Number:**
OMEGA INDUSTRIAL SUPPLY, INC	1-800-424-9300
Address (Number, Street, Suite/Apt#)	**Telephone Number for Information:**
101 Grobric Ct #1	1-800-571-7347
(City, State, and Zip Code)	**Signature of Prepare (Optional)**
Fairfield, CA 94534	REGULATORY DEPT.

Section 2 ~ Hazard(s) Identification

GHS-US Classification
Flammable liquids, Category 2 H225
Skin corrosion/irritation, Category 1B H314
Serious eye damage/eye irritation, Category 1 H318
Full text of H statements : see section 16

Label Elements

GHS-US Labeling

Hazardous Pictograms (GHS-US)

GHS02

GHS05

Signal Word (GHS-US): Danger
Contains: phosphoric acid; hydrochloric acid

Hazardous Statements (GHS-US)
H225 - Highly flammable liquid and vapor
H314 - Causes severe skin burns and eye damage

Precautionary Statement (GHS-US)
P210 - Keep away from heat. - No smoking
P233 - Keep container tightly closed
P240 - Ground/bond container and receiving equipment
P241 - Use explosion-proof electrical equipment
P242 - Use only non-sparking tools
P243 - Take precautionary measures against static discharge
P260 - Do not breathe fume
P264 - Wash hands thoroughly after handling
P280 - Wear eye protection, protective gloves
P301+P330+P331 - If swallowed: rinse mouth. Do NOT induce vomiting
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310 - Immediately call a doctor
P321 - Specific treatment (see a doctor on this label)
P363 - Wash contaminated clothing before reuse
P370+P378 - In case of fire: Use Suitable extinguishing media to extinguish
P403 + P235 - Store in a well-ventilated place. Keep cool
P405 - Store locked up
P501 - 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
Phosphoric Acid	7664-38-2	7.5 – 15	Skin Corr. 1B, H314
Hydrochloric Acid	7647-01-0	6 – 9	Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335
2-Propanol	67-63-0	1 – 5	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336

Full text of H-statements: See section 16

Section 4 ~ 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.
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 severe skin burns and eye damage.
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: Highly flammable liquid and vapor.
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

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.
Emergency Procedures: Ventilate area.
Environmental Precautions: No additional information available
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 fume.
Hygiene Measures: Wash hands thoroughly after handling. Wash contaminated clothing before reuse.
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. Use explosion-proof electrical equipment. Comply with applicable regulations.
Storage Conditions: Keep only in the original container in a cool, well ventilated place away from: Heat sources. Keep in fireproof place. 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

phosphoric acid (7664-38-2)

ACGIH	Remark (ACGIH)	URT, eye, & skin irr
OSHA	OSHA PEL (TWA) (mg/m³)	1 mg/m³

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/m³)	980 mg/m³
OSHA	OSHA PEL (TWA) (ppm)	400 ppm

hydrochloric acid (7647-01-0)

ACGIH	Remark (ACGIH)	URT irr
OSHA	OSHA PEL (Ceiling) (mg/m³)	7 mg/m³
OSHA	OSHA PEL (Ceiling) (ppm)	5 ppm

Exposure Controls
Personal Protective Equipment: Avoid all unnecessary exposure.
Hand Protection: Wear protective gloves.
Eye Protection: Chemical goggles or face shield.
Skin and Body Protection: Wear suitable protective clothing.
Respiratory Protection: Wear appropriate mask.
Other Information: Do not eat, drink or smoke during use.

Section 9 ~ Physical and Chemical Properties

Physical State: Liquid
Color: Blue
Odor: mint
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: ≈ 1.051
Relative Vapor Density at 20°C: No data available
Solubility: Water: Solubility in water of component(s) of the mixture: • phosphoric acid: Complete • nonylphenoxypoly(ethyleneoxy)ethanol: soluble • hydrochloric acid: Complete • 2-propanol: 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: Highly flammable liquid and vapor. May form flammable/explosive vapor-air mixture.
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: fume. 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

phosphoric acid (7664-38-2)

LD50 oral rat	4400 mg/kg (Rat)
ATE US (oral)	4400.000 mg/kg bodyweight

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)
ATE US (dermal)	12870.000 mg/kg bodyweight
ATE US (vapours)	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
hydrochloric acid (7647-01-0)
IARC group 3 - Not classifiable
Reproductive Toxicity: Not classified
Specific Target Organ Toxicity (single exposure): Not classified
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 Eye Contact: Causes serious eye damage.

Section 12 ~ Ecological Information

Toxicity
phosphoric acid (7664-38-2)
LC50 fish 1 138 mg/l (LC50)
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 > 1000 mg/l (EC50; UBA; 72 h; Scenedesmus subspicatus)
hydrochloric acid (7647-01-0)
LC50 fish 1 282 mg/l (LC50; 96 h)
EC50 Daphnia 1 < 56 mg/l (EC50; 72 h)
Persistence and Degradability
CLEAN ALL CONCENTRATE
Persistence and degradability Not established.
phosphoric acid (7664-38-2)
Persistence and degradability Biodegradability: not applicable. No (test)data on mobility of the components available. Not established.
Biochemical oxygen demand (BOD) Not applicable
Chemical oxygen demand (COD) Not applicable
ThOD Not applicable
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_2/g substance
Chemical oxygen demand (COD) 2.23 g O_2/g substance
ThOD 2.40 g O_2/g substance
hydrochloric acid (7647-01-0)
Persistence and degradability Biodegradability: not applicable. No (test)data on mobility of the components available.
Bioaccumulative Potential
CLEAN ALL CONCENTRATE
Bioaccumulative potential Not established.
phosphoric acid (7664-38-2)
Log Pow -0.77 (Estimated value)
Bioaccumulative potential Bioaccumulation: not applicable. 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.
hydrochloric acid (7647-01-0)
Log Pow 0.3
Bioaccumulative potential Low potential for bioaccumulation (Log Kow < 4).
Mobility in Soil
2-propanol (67-63-0)
Surface tension 0.021 N/m (25 °C)
hydrochloric acid (7647-01-0)
Ecology - soil May be harmful to plant growth, blooming and fruit formation.
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: 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: No additional information available
Air Transport: No additional information available

Section 15 ~ Regulatory Information

US Federal Regulations
CLEAN ALL 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 1 - 5%
hydrochloric acid CAS No 7647-01-0 6 - 9%
phosphoric acid (7664-38-2)
CERCLA RQ 5000 lb

hydrochloric acid (7647-01-0)

CERCLA RQ	5000 lb
SARA Section 302 Threshold Planning Quantity (TPQ)	500 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.

phosphoric acid (7664-38-2)

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

2-propanol (67-63-0)

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

hydrochloric acid (7647-01-0)

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-statements:

H225 Highly flammable liquid and vapor
H314 Causes severe skin burns and eye damage
H318 Causes serious eye damage
H319 Causes serious eye irritation
H335 May cause respiratory irritation
H336 May cause drowsiness or dizziness

	NFPA	HMIS
HEALTH	3	3
FLAMMABILITY	0	0
REACTIVITY	1	1
OTHER/PROTECTION	-	B

Key
4= Severe
3= Serious
2= Moderate
1= Slight
0= Minimal
B= Safety glasses, Gloves