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:**
G3097 AUTO SCRUB	11-17-2014
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 Classifications Health, Acute toxicity, 4 Oral
Health, Acute toxicity, 4 Dermal
Health, Skin corrosion/irritation, 3
Health, Serious Eye Damage/Eye Irritation, 2 A
Health, Acute toxicity, 5 Inhalation

GHS Phrases H302 - Harmful if swallowed
H312 - Harmful in contact with skin
H316 - Causes mild skin irritation
H319 - Causes serious eye irritation
H333 - May be harmful if inhaled

GHS Hazard Pictograms  Corrosive

GHS Signal Word: WARNING.

GHS Precautionary Statement
P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
P262 - Do not get in eyes, on skin, or on clothing.
P264 - Wash skin thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P271 - Use only outdoors or in a well-ventilated area.
P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+341 - IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P321 - Specific treatment (see supplemental first aid instructions on this label).
P332+313 - If skin irritation occurs: Get medical advice/attention.
P337 - If eye irritation persists: Get medical advice/attention.
P363 - Wash contaminated clothing before reuse.
P403+233 - Store in a well ventilated place. Keep container tightly closed.
P405 - Store locked up.
P501 - Dispose of contents/container to an approved waste disposal plant.

Section 3 ~ Composition/Information on Ingredients

Hazardous Ingredients	**CAS No.**	**Concentration Range (%)**
2-Butoxyethanol	111-76-2	<8%
Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-	9016-45-9	<8%
Triphosphoric acid, pentasodium salt	7758-29-4	<5%
Sodium Hydroxide	1310-73-2	<5%
Proprietary, non-hazardous, non-regulated	N/A	>74%

Section 4 ~ First Aid Measures

Inhalation: Give oxygen or artificial respiration if needed. If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.
Skin Contact: Take off contaminated clothing and shoes immediately. Promptly flush skin with water for at least 15 minutes to ensure all chemical is removed. If reddening develops and/or persists, obtain medical attention.
Eye Contact: Flush with large amounts of water for at least 15 minutes, lifting upper and lower lids occasionally. If irritation or pain persists, get immediate medical attention and continue rinsing eyes during transport to hospital.
Ingestion: Rinse mouth with water. Give 3-4 glasses of water or milk to dilute stomach contents. Do NOT induce vomiting. If vomiting occurs, give more more water or milk. Never give anything by mouth to an unconscious person. Get immediate medical attention.
Most Important Symptoms and Effects, Both Acute and Delayed: The most important known symptoms and effects are described in the labelling (see Section 2) and/or Section 11.
Indication of Any Immediate Medical Attention and Special Treatment Needed: No data available.

Section 5 ~ Fire Fighting Measures

Flammability: No data available
Flash Point: DNA
Flash Point Method: DNA
Burning Rate: No data available
Autoignition Temp: No data available
LEL: DNA
UEL: DNA
Extinguishing Media: Water Spray, Carbon Dioxide, Alcohol-Resistant Foam, Dry Chemical
Special Hazards Arising From the Substance or Mixture: Carbon Oxides Nitrogen Oxides (NOx) Phosphorous Oxides Sodium Oxides, Silicon Oxides
Advice for Firefighters: Firefighters should wear full-face, positive-pressure respirators.
Further Information: If incinerated, may release toxic fumes. Use water spray to cool unopened containers. Do NOT use high volume water jet to extinguish fire, as the force of the water jet may cause fire to spread. See Section 7 for more information on safe handling.
See Section 8 for more information on personal protection equipment. See Section 13 for disposal information.

Section 6 ~ Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: Use personal protective equipment. Keep from contacting skin or eyes. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.
Environmental Precautions: Prevent further release (leakage/spillage) if safe to do so. Do not allow product to enter drains. Do not allow to drain to environment.
Methods and Materials for Containments and Cleaning Up: Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust). Neutralizing agent like Sodium Bicarbonate may also be used to absorb/neutralize any spilled material. Place contaminated material into suitable, closed containers for disposal. Dispose of contaminated material according to Section 13. After spillage has been collected, area may be flushed with water or wet-brushed. Ensure adequate ventilation.
Reference to Other Sections: Comply with federal, state and local regulations on reporting spills. See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for information on proper disposal.

Section 7 ~ Handling and Storage

Handling Precautions: Avoid breathing vapors or mist. Avoid contact with eyes, skin, or clothing. Use approved, original containers only. Keep containers closed when not in use. Do not expose containers to open flame, excessive heat, or direct sunlight. Do not puncture or drop containers. Handle with care and avoid spillage on the floor. Keep material out of reach of children. Keep material away from incompatible materials. Wash thoroughly after handling. Ensure adequate ventilation.
Storage Requirements: Keep away from heat, sparks and flames. Do not store in direct sunlight. Store away from strong acids, strong reducing agents, strong oxidizing agents, organic materials, chlorinated solvents, reactive metals (Zinc & Aluminum) and their alloys (Brass), galvanized surfaces, Copper and its alloys, Nickel and its alloys, Alkali metals (Lithium, Sodium, Potassium, etc.), Tin & Tin oxides, Lead, Iron, Ammonia, Cyanides, Activated Carbon, Nitro compounds (Nitromethane, etc.), Azides, Anhydrides and Halogens.

Section 8 ~ Exposure Controls/Personal Protection

Engineering Controls: All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94). Use local exhaust at filling zones and where leakage is probable. Use mechanical (general) ventilation for storage areas. Use appropriate ventilation as required to keep Exposure Limits in Air below TLV & PEL limits.
Personal Protective Equip
Eye/Face Protection: When using unheated material use safety glasses and compatible gloves according to HMIS PP, B. All safety equipment should be tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).
Skin Protection: Handle with gloves made from Neoprene, Nitrile or Buma Rubber. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact. Dispose of contaminated gloves according to applicable laws and laboratory practices.
Body Protection: Chemically resistant gloves and safety glasses are recommended. Type of protective equipment should be selected based on concentration amount and conditions of use of this material.
Respiratory Protection: Full-face dust/vapor respirator may be required as backup to engineering controls when proper engineering controls are not in place to keep TLV and PEL limits below defined thresholds.
Control of Environmental Exposure: Prevent leakage or spillage if safe to do so. Do not let material enter drains.
Components with Workplace Control Parameters:
Component(s): 2-Butoxyethanol; Sodium Hydroxide
CAS-No(s): 111-76-2; 1310-73-2
USA NIOSH Recommended Exposure Limits (C): 2 mg/m3
USA NIOSH Recommended Exposure Limits (ST): 2 mg/m3
USA ACGIH (CEIL/TLV): 2 mg/m3
USA ACGIH (C/TLV): 2 mg/m3
USA OSHA Table Z-1 Limits for Air Contaminants (C): 2 mg/m3
USA OSHA Occupational Exposure Limits Table Z-1 Limits for Air Contaminants (TWA): 2 mg/m3
Biological Occupational Exposure Limits:
Component: 2-Butoxyethanol
CAS-No: 111-76-2
Parameters: Butoxyacetic acid (BAA) Biological Specimen: Urine
USA ACGIH Biological Exposure Indices: 200 mg/g

Section 9 ~ Physical and Chemical Properties

Appearance: Clear, purple liquid
Physical State: Liquid
Odor Threshold: Not determined
Particle Size: DNA
Spec Grav./Density: 1.085 g/ml (9.05 lbs/gal)
Viscosity: Not determined
Sat. Vap. Conc.: Not determined
Boiling Point: Not determined
Flammability: (solid, gas): Not determined
Partition Coefficient: Not determined
Vapor Pressure: (mm Hg @ 20 °C): Not determined
pH: @ 1%: 11.0 - 12.0
Evap. Rate: Not determined
Molecular Weight: MIXTURE
Decomp Temp: Not determined

Odor: Mild, glycol ether-like
Molecular Formula: MIXTURE
Solubility: 100%
Softening Point: DNA
Percent Volatile: 6.25%
Heat Value: Not determined
Freezing/Melting Pt.: Not determined
Flash Point: DNA
Octanol: Not determined
Vapor Density: (air = 1): 4.08
VOC: 57 g/L
Bulk Density: Not determined
Auto-Ignition Temp: Not determined
UFL/LFL: Not determined

Section 10 ~ Stability and Reactivity

Stability: Product is stable under normal conditions.
Conditions to Avoid: Incompatibilities, flames, ignition sources.
Materials to Avoid: Peroxides, Nitric Acid, strong acids, strong reducing agents, strong oxidizing agents, organic materials, chlorinated solvents, reactive metals (Zinc & Aluminum) and their alloys (Brass), galvanized surfaces, Alkali metals (Lithium, Sodium, Potassium, etc.), Tin & Tin oxides, Lead, Ammonia, Cyanides, Activated Carbon, Nitro compounds (Nitromethane, etc.), Azides, Anhydrides and Halogens.
Extended contact: Copper and its alloys, Nickel and its alloys and Iron.
Hazardous Decomposition Products: Carbon Oxides, Nitrogen Oxides (NOx), Phosphorous Oxides, Sodium Oxides and Silicon Oxides.
Hazardous Polymerization: Will not occur.

Section 11 ~ Toxicological Information

Component(s): 2-Butoxyethanol; Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-; Triphosphoric acid, pentasodium salt; Sodium Hydroxide
CAS No(s): 111-76-2; 9016-45-9; 7758-29-4; 1310-73-2
Acute Toxicity:
LD50 Oral - Rat: 470 mg/kg
LC50 Inhalation - Rat: 450 ppm (4 h) LD50 Dermal - Rabbit: 220 mg/kg LD50 Intraperitoneal - Rat: 220 mg/kg LD50 Intraveneous - Rat: 307 mg/kg
Skin Corrosion/Irritation: Rabbit skin - Causes severe burns (24 h).
Serious Eye Damage/Eye Irritation: Rabbit eyes - Corrosive (24 h).
Respiratory or Skin Sensitization: Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals (Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-).
Germ Cell Mutagenicity: No data available.
Carcinogenicity:
IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (2-Butoxyethanol).
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
Reproductive Toxicity: Overexposure may cause reproductive disorder(s) based on tests with laboratory animals (2- Butoxyethanol).
Specific Target Organ Toxicity - Single Exposure: No data available.
Specific Target Organ Toxicity - Repeated Exposure: No data available.
Aspiration Hazard: No data available.

Additional Information:
Component: 2-Butoxyethanol; RTECS: KJ8575000
Component: Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-; RTECS: AX0247000
Component: Triphosphoric acid, pentasodium salt; RTECS: YK4570000
Component: Sodium Hydroxide; RTECS: WB4900000

Section 12 ~ Ecological Information

Component(s): 2-Butoxyethanol; Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-; Triphosphoric acid, pentasodium salt; Sodium Hydroxide
CAS No(s): 111-76-2; 9016-45-9; 7758-29-4; 1310-73-2
Toxicity:
Toxicity to fish:
LC50 - other fish: 220 mg/l (96 h)
LC50 - Oncorhynchus mykiss (Rainbow Trout): 45.4 mg/l (96 h) LC50 - Gambusia affinis (Mosquito Fish): 125.0 mg/l (96 h) LC50 - Lepomis macrochirus (Bluegill Sunfish): 1.0 mg/l (96 h)
Mortality LOEC - Pimephales promelas (Fathead Minnow): 2.0 mg/l (144 h)
Mortality NOEC - Pimephales promelas (Fathead Minnow): 1.8 mg/l (144 h)
Toxicity to daphnia and other aquatic invertabrates:
EC50 - Daphnia magna (Water Flea): 12.2 - 17.0 mg/l (48 h) Mortality NOEC - Daphnia magna (Water Flea): 10.0 mg/l (144 h) Mortality LOEC - Daphnia magna (Water Flea): 20.0 mg/l (144 h) Immobilization EC50 - Daphnia: 40.38 mg/l (48 h)
Toxicity to Algae:
EC50 - Desmodesmus subspicatus (Green Algae): 6.8 mg/l (24 h)
Growth Inhibition LOEC - Pseudokirchneriella subcapitata: 16.0 mg/l (96 h) Growth Inhibition NOEC - Pseudokirchneriella subcapitata: 8.0 mg/l (96 h)
Persistence and Degradability: No data available.
Bioaccumulative Potential: No data available.
Mobility in Soil: No data available.
Results of PBT and vPvB assessment: Not required/conducted.
Other Adverse Effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life. Toxic to aquatic life with long lasting effects

Section 13 ~ Disposal Considerations

Product: Hazardous wastes shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necesary measures to prevent risks of pollution, release into the environment or damage to people and animals. Contact a licensed professional waste disposal service to dispose of this material.
Contaminated Packaging: Dispose of as unused product.

Section 14 ~ Transportation Information

DOT Class: Not regulated

DOT (US) Non-regulated material, liquid

IMDG Not dangerous goods

IATA Not dangerous goods

Section 15 ~ Regulatory Information

COMPONENT / (CAS/PERC) / CODES
*2-Butoxyethanol (111762 <8%) HAP, MASS, NJHS, OSHAWAC, PA, SARA311/312, SARA313, TSCA, TXAIR
*Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy- (9016459 <8%) MA, NJHS, PA, SARA311/312, TSCA
*Triphosphoric acid, pentasodium salt (7758294 <5%) MASS, NJHS, PA, TSCA
*Sodium hydroxide (1310732 <5%) CERCLA, CSWHS, MASS, NJHS, OSHAWAC, PA, SARA311/312, TSCA, TXAIR

REGULATORY KEY DESCRIPTIONS
CERCLA = Superfund clean up substance
CSWHS = Clean Water Act Hazardous substances
HAP = Hazardous Air Pollutants
MASS = MA Massachusetts Hazardous Substances List
NJHS = New Jersey Right to Know Hazardous Substances
OSHAWAC = OSHA Workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
SARA311/312 = SARA 311/312 Toxic Chemicals
SARA313 = SARA 313 Title III Toxic Chemicals
TSCA = Toxic Substances Control Act
TXAIR = TX Air Contaminants with Health Effects Screening Level

Section 16 ~ Other Information

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

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