

## Section 1 ~ Identification

<b>Identity (As Used On Label and List)</b> <b>G3021 GRAFFITI BUSTER</b>	<b>Date Prepared:</b> 05-07-2015
<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>	Flam. Liq. 4 Skin Corr. 1A Eye Dam. 1 Full text of H-phrases: see section 16	H227 H314 H318
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### Label Elements

#### GHS-US Labeling

#### Hazardous Pictograms (GHS-US)



GHS05

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

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

**Precautionary Statement (GHS-US)** Keep away from heat, open flames, sparks. - No smoking. Do not breathe spray, mist, vapors. Wash hands thoroughly after handling. 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. 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 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
EXXSOL D80, EXXONMOBIL/ SOLTROL 180	64742-47-8	30 – 40	Flam. Liq. 4, H227 Asp. Tox. 1, H304
HI SOL 15 / AROMATIC 150	64742-94-5	20 – 30	in Irrit. 2, H315 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
MEA 2-aminoethanol, conc>=85%, aqueous solutions	141-43-5	8 – 12	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Corr. 1A, H314 Eye Dam. 1, H318
KOH / potassium hydroxide	1310-58-3	4 – 6	Acute Tox. 4 (Oral), H302 Skin Corr. 1A, H314 Eye Dam. 1, H318

**Full text of H-phrases:** 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.

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

**Explosion Hazard:** May form flammable/explosive vapour-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.

**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:** Keep away from open flames, Sparks, Heat. - No smoking.

**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. Do not breathe spray, mist, vapors. Avoid contact during pregnancy/while nursing.

**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. Comply with applicable regulations.

**Storage Conditions:** Keep only in the original container in a cool, well ventilated place away from: Heat sources. Keep container closed when not in use. Keep in fireproof place.

**Incompatible Products:** Strong bases. Strong acids.

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

**Specific End Use(s):** No additional information available

## Section 8 ~ Exposure Controls/Personal Protection

**Controls Parameters**

**Graffiti Buster**

ACGIH	Not applicable	
OSHA	Not applicable	
<b>MEA 2-aminoethanol, conc&gt;=85%, aqueous solutions (141-43-5)</b>		
ACGIH	ACGIH TWA (ppm)	3 ppm
ACGIH	ACGIH STEL (ppm)	6 ppm
ACGIH	Remark (ACGIH)	Eye & skin irr
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	6 mg/m <sup>3</sup>
OSHA	OSHA PEL (TWA) (ppm)	3 ppm
<b>HI SOL 15 / AROMATIC 150 (64742-94-5)</b>		
ACGIH	Not applicable	
OSHA	Not applicable	
<b>EXXSOL D80, EXXONMOBIL/ SOLTROL 180 (64742-47-8)</b>		
ACGIH	Not applicable	
OSHA	Not applicable	
<b>KOH / potassium hydroxide (1310-58-3)</b>		
ACGIH	ACGIH Ceiling (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
ACGIH	Remark (ACGIH)	URT, eye, & skin irr.
OSHA	Not applicable	

**Exposure Controls**

**Personal Protective Equipment:** Safety glasses. Gloves.



**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:** Colorless

**Odor:** Solvent

**Odor Threshold:** No data available

**pH:** 10 - 13

**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: • 2-(2-butoxyethoxy) ethanol: Complete • MEA 2-aminoethanol, conc>=85%, aqueous solutions: Complete • HI SOL 15 / AROMATIC 150: < 0.01 g/100ml • EXXSOL D80, EXXONMOBIL/ SOLTROL 180: < 0.1 g/100ml • KOH / potassium hydroxide: 112 g/100ml

**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:** 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. 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. Overheating. Heat. Sparks.

**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

**Acute Toxicity:** Not classified

**MEA 2-aminoethanol, conc>=85%, aqueous solutions (141-43-5)**

LD50 oral rat	> 1720 mg/kg (Rat)
LD50 dermal rabbit	> 1018 mg/kg (Rabbit)
ATE US (oral)	500.000 mg/kg bodyweight
ATE US (dermal)	1100.000 mg/kg bodyweight
ATE US (gases)	4500.000 ppmv/4h
ATE US (vapors)	11.000 mg/l/4h
ATE US (dust, mist)	1.500 mg/l/4h

**HI SOL 15 / AROMATIC 150 (64742-94-5)**

LD50 oral rat > 5000 mg/kg (Rat)  
LD50 dermal rabbit > 2000 mg/kg (Rabbit)  
LC50 inhalation rat (mg/l) > 5 mg/l/4h (Rat)

**KOH / potassium hydroxide (1310-58-3)**

LD50 oral rat 333 mg/kg (Rat; Equivalent or similar to OECD 425; Experimental value)  
ATE US (oral) 333.000 mg/kg bodyweight

**Skin Corrosion/Irritation:** Causes severe skin burns and eye damage. pH: 10 - 13

**Serious Eye Damage/Irritation:** Causes serious eye damage. pH: 10 - 13

**Respiratory or Skin Sensitization:** Not classified

**Germ Cell Mutagenicity:** Not classified

**Carcinogenicity:** Not classified

**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**

**MEA 2-aminoethanol, conc>=85%, aqueous solutions (141-43-5)**

LC50 fish 1 150 mg/l (96 h; Salmo gairdneri (Oncorhynchus mykiss); Pure substance)  
EC50 Daphnia 1 140 mg/l (24 h; Daphnia magna; Pure substance)  
LC50 fish 2 329.16 mg/l (96 h; Lepomis macrochirus; Pure substance)  
TLM fish 1 100 - 1000,96 h; Pisces; Pure substance  
TLM other aquatic organisms 1 100 - 1000,96 h; Pure substance  
Threshold limit algae 1 0.97 mg/l (192 h; Scenedesmus quadricauda; Pure substance)  
Threshold limit algae 2 35 mg/l (72 h; Algae; Pure substance)

**HI SOL 15 / AROMATIC 150 (64742-94-5)**

LC50 fish 1 2.1 - 4.2 mg/l (96 h; Lepomis macrochirus; Fresh water)  
EC50 Daphnia 1 0.95 mg/l (48 h; Daphnia magna)  
LC50 fish 2 2.34 mg/l (96 h; Oncorhynchus mykiss)  
Threshold limit algae 1 1 mg/l (72 h; Skeletonema costatum; Growth)

**EXXSOL D80, EXXONMOBIL/ SOLTROL 180 (64742-47-8)**

EC50 Daphnia 1 > 10000 mg/l (Amphipoda)

**KOH / potassium hydroxide (1310-58-3)**

LC50 fish 1 > 28.6 mg/l (96 h; Pisces; Lethal)  
LC50 fish 2 80 mg/l (Gambusia affinis)  
TLM fish 1 80 ppm (24 h; Gambusia affinis)

**Persistence and Degradability**

**GRAFITTI BUSTER**

Persistence and degradability Not established.

**MEA 2-aminoethanol, conc>=85%, aqueous solutions (141-43-5)**

Persistence and degradability Readily biodegradable in water. Biodegradable in the soil. No (test)data on mobility of the components available. Not established.  
Biochemical oxygen demand (BOD) 0.80 g O<sub>2</sub>/g substance  
Chemical oxygen demand (COD) 1.34 g O<sub>2</sub>/g substance  
ThOD 2.49 g O<sub>2</sub>/g substance  
BOD (% of ThOD) 0.32 % ThOD

**HI SOL 15 / AROMATIC 150 (64742-94-5)**

Persistence and degradability Not readily biodegradable in water.

**EXXSOL D80, EXXONMOBIL/ SOLTROL 180 (64742-47-8)**

Persistence and degradability Readily biodegradable in water. Not established.

**KOH / potassium hydroxide (1310-58-3)**

Persistence and degradability Biodegradability: not applicable. Not established.  
Biochemical oxygen demand (BOD) Not applicable  
Chemical oxygen demand (COD) Not applicable  
ThOD Not applicable  
BOD (% of ThOD) Not applicable

**Bioaccumulative Potential**

**GRAFITTI BUSTER**

Bioaccumulative potential Not established.

**MEA 2-aminoethanol, conc>=85%, aqueous solutions (141-43-5)**

Log Pow -1.91  
Bioaccumulative potential Bioaccumulation: not applicable. Not established.

**HI SOL 15 / AROMATIC 150 (64742-94-5)**

Log Pow 2.9 - 6.1  
Bioaccumulative potential Bioaccumable.

**EXXSOL D80, EXXONMOBIL/ SOLTROL 180 (64742-47-8)**

Log Pow > 3  
Bioaccumulative potential Low potential for bioaccumulation (Log Kow < 4). Not established.

**KOH / potassium hydroxide (1310-58-3)**

Bioaccumulative potential Bioaccumulation: not applicable. Not established.

**Mobility in Soil:** No additional information available

**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

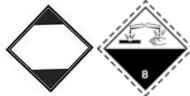
Transport Document Description: UN1814 Potassium hydroxide, solution, 8, III

UN-No.(DOT): UN1814

Proper Shipping Name (DOT): Potassium hydroxide, solution

Transport Hazard Class(es) (DOT): 8 - Class 8 - Corrosive material 49 CFR 173.136

Hazard Labels (DOT): LTD QTY - Limited quantity 8 – Corrosive



Packing group (DOT): III - Minor Danger

DOT Packaging Bulk (49 CFR 173.xxx): 241

DOT Packaging Exceptions (49 CFR 173.xxx): 154

DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27): 5 L

DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75): 60 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.

DOT Vessel Stowage Other: 52 - Stow "separated from" acids

Additional Information

Other Information: No supplementary information available.

ADR: No additional information available

Transport by Sea

UN-No. (IMDG): 1814

Proper Shipping Name (IMDG): POTASSIUM HYDROXIDE SOLUTION

Class (IMDG): 8 - Corrosive substances

Packing group (IMDG): III - substances presenting low danger

Air Transport

UN-No. (IATA): 1814

Proper Shipping Name (IATA): Potassium hydroxide solution

Class (IATA): 8 - Corrosives

Packing group (IATA): III - Minor Danger

## Section 15 ~ Regulatory Information

US Federal Regulations

GRAFITTI BUSTER

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.

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

KOH / potassium hydroxide (1310-58-3)

Not listed on the United States SARA Section 313

RQ (Reportable quantity, section 304 of EPA's List of Lists) 1000 lb

International Regulations

CANADA: No additional information available

EU-Regulations: No additional information available

Classification according to Regulation (EC) No. 1272/2008 [CLP]: No additional information available

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]: Not classified

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

MEA 2-aminoethanol, conc=>=85%, aqueous solutions (141-43-5)

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

KOH / potassium hydroxide (1310-58-3)

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. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Flam. Liq. 4	Flammable liquids, Category 4
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
Skin Irrit. 2	Skin corrosion/irritation, Category 2
H227	Combustible liquid
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H332	Harmful if inhaled
H411	Toxic to aquatic life with long lasting effects

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

B= Safety glasses, Gloves

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