

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

<b>Identity (As Used On Label and List)</b> A1013 RUST X	<b>Date Prepared:</b> 09-24-2014
<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>Classifications</b>	Flammable Aerosol: Skin Irritant: Eye Irritant: Specific Target Organ Toxicity (Single Exposure):	Category 1 Liquefied Gas Category 2 Category 2A Category 3
<b>Hazard Statement(s)</b>	<b>Danger:</b> Extremely Flammable Aerosol Contains gas under pressure: May explode if heated. Causes skin and serious eye irritation. May cause respiratory irritation. This product contains the following percentage of chemicals of unknown toxicity: 0%	
<b>Precautionary Statements</b>	Keep away from heat, sparks, open flames, and hot surfaces. –No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50C/122F. Store in a well-ventilated place. Wash hands thoroughly after handling. Wear protective gloves and eye protection. <b>If on skin:</b> Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse. <b>If in eyes:</b> Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. Avoid breathing fumes, mist, vapors, and spray. Use only outdoors or in a well-ventilated area. <b>If inhaled:</b> Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. <b>If swallowed:</b> Immediately call a poison center or doctor. Do NOT induce vomiting. Store locked up. Dispose of contents and container in accordance with local, state, and national regulations.	

Symbol



Hazards Not Otherwise Classified N/A

### Section 3 ~ Composition/Information on Ingredients

Hazardous Ingredient	CAS No.	%(Wt.)
2-Butoxyethanol	111-76-2	5 – 10 %
Isopropyl Alcohol	67-63-0	5 – 10 %
Propane/n-Butane	68476-86-8	15 – 40 %
Acetone	67-64-1	30 – 60 %
Diethylene Glycol	111-46-6	3 – 7 %
Tannic Acid	1401-55-4	1 – 5 %

### Section 4 ~ First Aid Measures

**Eyes:** If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.  
**Ingestion:** If swallowed: Rinse mouth. Do NOT induce vomiting. Get medical advice or attention.  
**Inhalation:** If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.  
**Skin:** If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.  
**Acute Health Hazards:** Eyes: redness, tearing, blurred vision Skin: defatting and dermatitis  
 Inhalation: Irritation Oral: abdominal irritation, nausea, vomiting, and diarrhea

**Chronic Health Hazards:** None known

**Note to Physician:** There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

### Section 5 ~ Fire Fighting Measures

**Extinguishing Media:** Carbon dioxide, foam, and water fog.

**Unsuitable Extinguishing Media:** Water spray/stream.

**Special Fire Fighting Procedures:** Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Use water spray only to cool exposed containers.

**Unusual Fire and Explosion Hazards:** Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.

**Hazardous Combustion Products:** Oxides of carbon

### Section 6 ~ Accidental Release Measures

**Personal Protective Equipment:** Refer to section 8 for proper Personal Protective Equipment.

**Spill:** Use non-combustible material like vermiculite, sand or earth on spill sweep to clean. Dispose in accordance with local, state and federal laws. Small releases may be wiped up with wiping material.

**Waste Disposal:** Dispose of in accordance with federal, state, and local regulations.

**RCRA Status:** Waste likely considered hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

### Section 7 ~ Handling and Storage

**Handling and Storage:** Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use. Store locked up.

**Other Precautions:** Keep out of the reach of children.

**Incompatibility:** Concentrated nitric & sulfuric acid mixtures, oxidizing materials, chloroform, alkalis, chlorine compounds, acids, plastics, rubber, coatings

### Section 8 ~ Exposure Controls/Personal Protection

Hazardous Ingredient	OSHA PEL	ACGIH TLV
2-Butoxyethanol	50 ppm	20 ppm
Isopropyl Alcohol	400 ppm	200 ppm
Propane/n-Butane	N/A	1000 ppm
Acetone	1000 ppm	500 ppm
Diethylene Glycol	Not Established	Not Established
Tannic Acid	Not Established	Not Established

**Engineering Controls / Ventilation:** Use only outdoors or in a well-ventilated area.

**Respiratory Protection:** Not required with normal use.

**Personal Protective Equipment:** Safety glasses and chemical resistant gloves

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

**Exposure Guidelines:** Extremely Flammable

**Section 9 ~ Physical Chemical Properties**

<b>Appearance:</b> Clear, Brown Aerosol	<b>Lower Flammability Limit:</b> N/D	<b>Solubility in Water:</b> Non-soluble
<b>Odor:</b> Solvent	<b>Upper Flammability Limit:</b> N/D	<b>Partition Coefficient:</b> n-OCTANOL/WATER (KOW): N/D
<b>Odor Threshold:</b> N/D	<b>Vapor Pressure (mm Hg):</b> 77 @ 77°F (25°C)	<b>Volatility Including Water (%):</b> 90%
<b>Boiling Point:</b> > 150°F (66°C)	<b>Vapor Density (AIR=1):</b> > 1 @ 77°F (25°C)	<b>Volatile Organic Compounds (VOC):</b> 44%
<b>Freezing Point:</b> N/D	<b>Evaporation Rate:</b> > 1	<b>Dielectric Strength (Volts):</b> N/A
<b>Flammability:</b> Extremely Flammable Aerosol	<b>Specific Gravity (H2O=1):</b> .85 @ 77°F (25°C)	<b>Decomposition Temperature:</b> N/D
<b>Flash Point:</b> 65°F (18°C)	<b>pH:</b> 1.9	<b>Viscosity:</b> N/D
<b>Auto-Ignition Temperature:</b> N/D	<b>Solids (%):</b> 10%	

**Section 10 ~ Stability and Reactivity**

<b>Reactivity:</b> None Known
<b>Chemical Stability:</b> Stable
<b>Conditions to Avoid:</b> Extremes of hot and cold.
<b>Incompatibility:</b> Concentrated nitric & sulfuric acid mixtures, oxidizing materials, chloroform, alkalis, chlorine compounds, acids, plastics, rubber, coatings
<b>Hazardous Decomposition or By-Product:</b> Oxides of carbon
<b>Possible Hazardous Reactions:</b> None Known

**Section 11 ~ Toxicological Information**

<b>Toxicological Information:</b> 2-Butoxyethanol (111-76-2) LD50 (Oral, Rat) 470 mg/kg; LC50 (Inhalation, Rat, 4hr) 450 ppm; LD50 (Dermal, Rabbit) 220 mg/kg Acetone (67-64-1) LD50 (Oral, Rat) 5800 mg/kg; LD50 (Oral, Mouse) 3000 mg/kg; LD50 (Oral, Rabbit) 5340 mg/kg; LC50 (Inhalation, Rat, 8hr) 50100 mg/m3; LC50 (Inhalation, Mouse, 4hr) 44,000 mg/m3 Diethylene Glycol (DEG) (111-46-5) LD50 (Oral, Rat) 25,300 mg/kg; LD50 (Oral, Human) 1,000 mg/kg; LD50 (Dermal, Rabbit) 12,500 mg/kg; LC50 (Inhalation, Rat) > 1,172 ppm Propane/n-Butane (68476-86-8) LC50 (Inhalation, Rat, 4hr) 685 mg/m3	
<b>Routes of Entry:</b> Eyes, Ingestion, Inhalation, Skin	
<b>Eyes:</b> Redness, irritation, causes temporary corneal opacity.	
<b>Ingestion:</b> Nausea.	
<b>Inhalation:</b> Will cause dizziness, anesthesia and possibly death if breathed directly.	
<b>Skin:</b> May cause burns.	
<b>Medical Condition Aggravated:</b> None known	
<b>Acute Health Hazards:</b> Eyes: redness, tearing, blurred vision	<b>Skin:</b> defatting and dermatitis
Inhalation: Irritation	Oral: abdominal irritation, nausea, vomiting, and diarrhea
<b>Chronic Health Hazards:</b> None known	
<b>Carcinogenicity:</b> OSHA: No	<b>ACGIH:</b> No
<b>NTP:</b> No	<b>IARC:</b> No
<b>OTHER:</b> No	

**Section 12 ~ Ecological Information**

<b>Ecological Information:</b> 2-Butoxyethanol (111-76-2) Toxic to aquatic life only in high concentrations, lethal concentrations not available. Acetone (67-64-1) LC50 (Trout, 96hr) 5540 mg/L; LC50 (Bluegill, 96hr) 8300 mg/L; LC50 (Fathead Minnow, 96hr) 7500 mg/L Diethylene Glycol (DEG) (111-46-5) LC50 (Bluegill Sunfish) > 1000 mg/L Isopropyl Alcohol (67-63-0) LC50 (Fathead Minnow, 96 hrs) 100,000 mg/L
<b>Biodegradability:</b> Component or components of this product are not biodegradable.
<b>Bioaccumulation:</b> This product is not expected to bioaccumulate.
<b>Soil Mobility:</b> This product is mobile in soil.
<b>Other Ecological Hazards:</b> None Known

**Section 13 ~ Disposal Considerations**

<b>Waste Disposal:</b> Dispose of in accordance with federal, state, and local regulations.
<b>RCRA Status:</b> Waste likely considered hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

**Section 14 ~ Transportation Information**

<b>Proper Shipping Name:</b> Aerosols, Ltd. Qty.	<b>Air Shipment</b>	<b>Shipping by Water:</b>
<b>Hazard Class/Division:</b> 2.1	<b>Proper Shipping Name:</b> Aerosols, Ltd. Qty.	<b>Vessel (IMO/IMDG)</b>
<b>UN/NA Number:</b> UN 1950	<b>Hazard Class/Division:</b> 2.1	<b>Proper Shipping Name:</b> Aerosols, Ltd. Qty.
<b>Packaging Group:</b> N/A	<b>UN/NA Number:</b> UN 1950	<b>Hazard Class/Division:</b> 2.1
		<b>UN/NA Number:</b> UN 1950
		<b>Environmental Hazards Water:</b> N/A

**Section 15 ~ Regulatory Information**

<b>TSCA Status:</b> All Chemicals are listed or exempt.
<b>CERCLA (Comprehensive Response Compensation, And Liability Act):</b> Fire Hazard Acetone (67-64-1) Reportable Quantity = 5,000 lbs
<b>SARA 311/312 Hazard Categories:</b> Fire Hazard
<b>SARA 313 Reportable Ingredients:</b> 2-Butoxyethanol (111-76-2)
<b>Clean Water Act:</b> None
<b>State Regulations:</b> This product contains no known chemicals regulated by California's proposition 65. 2-Butoxyethanol (111-76-2) RTK: NJ, MA, PA
<b>International Regulations:</b> 2-Butoxyethanol (111-76-2) Europe (EINECS), Japan (ENCS), Australia (AICS), WHMIS (Canada), DSCL (EEC), NDSL, Korea (ECL), Philippines (PICCS), New Zealand (NZIOC), China (IECS). Acetone (67-64-1) Australia, China, Europe (EINECS), Japan, Korea, United Kingdom, Canada, WHMIS (Canada): CLASS B-2: Flammable liquid with a flash point lower than 37.8°C (100°F). CLASS D-2B: Material causing other toxic effects (TOXIC), p. 6; DSCL (EEC): R11- Highly flammable. R36- Irritating to eyes. S9- Keep container in a well-ventilated place. S16- Keep away from ignition sources. S26- In case of eye contact, rinse immediately with plenty of water and seek medical advice.

**Section 16 ~ Other Information**

	NFPA	HMIS	Key
HEALTH	2	2	4= Severe
FLAMMABILITY	4	4	3= Serious
REACTIVITY	1	1	2= Moderate
OTHER/PROTECTION	None	B	1= Slight
			0= Minimal

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