

## Section 1 ~ Identification

|                                                                    |                                                            |
|--------------------------------------------------------------------|------------------------------------------------------------|
| <b>Identity (As Used On Label and List)</b><br><b>A1013 RUST X</b> | <b>Date Prepared:</b><br>09-24-2014                        |
| <b>Company Information:</b><br>OMEGA INDUSTRIAL SUPPLY, INC        | <b>Emergency Telephone Number:</b><br>1-800-424-9300       |
| <b>Address (Number, Street, Suite/Apt#)</b><br>101 Grobric Ct #1   | <b>Telephone Number for Information:</b><br>1-800-571-7347 |
| <b>(City, State, and Zip Code)</b><br>Fairfield, CA 94534          | <b>Signature of Prepare (Optional)</b><br>REGULATORY DEPT. |

## Section 2 ~ Hazard(s) Identification

|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                     |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <b>Classifications</b>          | Flammable Aerosol:<br>Skin Irritant:<br>Eye Irritant:<br>Specific Target Organ Toxicity (Single Exposure):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Category 1 Liquefied Gas<br>Category 2<br>Category 2A<br>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> <b>2-Butoxyethanol</b> (111-76-2) LD50 (Oral, Rat) 470 mg/kg; LC50 (Inhalation, Rat, 4hr) 450 ppm; LD50 (Dermal, Rabbit) 220 mg/kg <b>Acetone</b> (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 |                                                            |
| <b>Diethylene Glycol (DEG)</b> (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                                                                                                                                                                                               |                                                            |
| <b>Propane/n-Butane</b> (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> <b>2-Butoxyethanol</b> (111-76-2) Toxic to aquatic life only in high concentrations, lethal concentrations not available. <b>Acetone</b> (67-64-1) LC50 (Trout, 96hr) 5540 mg/L; LC50 (Bluegill, 96hr) 8300 mg/L; LC50 (Fathead Minnow, 96hr) 7500 mg/L <b>Diethylene Glycol (DEG)</b> (111-46-5) LC50 (Bluegill Sunfish) > 1000 mg/L <b>Isopropyl Alcohol</b> (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**

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| <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**

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| <b>TSCA Status:</b> All Chemicals are listed or exempt.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>CERCLA (Comprehensive Response Compensation, And Liability Act):</b> Fire Hazard <b>Acetone</b> (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. <b>2-Butoxyethanol</b> (111-76-2) RTK: NJ, MA, PA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>International Regulations:</b> <b>2-Butoxyethanol</b> (111-76-2) Europe (EINECS), Japan (ENCS), Australia (AICS), WHMIS (Canada), DSCL (EEC), NDSL, Korea (ECL), Philippines (PICCS), New Zealand (NZIOC), China (IECS). <b>Acetone</b> (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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