

## Section 1 ~ Identification

<b>Identity (As Used On Label and List)</b> <b>A1004 K.O.'D PLUS</b>	<b>Date Prepared:</b> 11-15-2018
<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>Classification</b>	Liquefied Gas Skin Sensitization: Category 1
<b>Hazard Statement(s)</b>	<b>WARNING:</b> Contains gas under pressure; may explode if heated. May cause an allergic skin reaction. This product contains the following percentage of chemicals of unknown toxicity: 2%
<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. Avoid breathing vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Wash contaminated clothing before reuse. Wear protective gloves. <b>If on Skin:</b> Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice.

### Symbols



**Hazards Not Otherwise Classified:** N/A

## Section 3 ~ Composition/Information on Ingredients

Hazardous Ingredient	CAS No.	%(Wt.)
Propane/n-Butane	68476-86-8	3 - 7%
1,8-p-menthadiene	5989-27-5	1 - 5%
2-Butoxyethanol	111-76-2	3 - 7%

## Section 4 ~ First Aid Measures

**Eyes:** Immediately flush with water for 15 - 20 minutes while holding eyelids open. Seek medical attention if irritation persists.  
**Ingestion:** Do not induce vomiting. Rinse mouth out with water.  
**Inhalation:** Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness seek immediate medical attention.  
**Skin:** Immediately wash with soap and water for 15 minutes. Seek medical attention if irritation develops.  
**Acute Health Hazards:** Eyes: redness, tearing, blurred vision  
**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:** Dry chemical, carbon dioxide, alcohol foam, and water spray or fog.  
**Unsuitable Extinguishing Media:** N/A  
**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 contents in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.  
**RCRA Status:** Not listed as hazardous waste under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

## Section 7 ~ Handling and Storage

**Handling and Storage:** Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50°C/122°F.  
**Other Precautions:** None  
**Incompatibility:** Strong oxidizers, Alkalies, Acids

## Section 8 ~ Exposure Controls/Personal Protection

Hazardous Ingredient	OSHA PEL	ACGIH TLV
Propane/n-Butane	1000 ppm	1000 ppm
1,8-p-Menthadiene	N/A	Not Established
2-Butoxyethanol	50 ppm	20 ppm

**Engineering Controls / Ventilation:** Ambient ventilation suitable, forced ventilation should not be required  
**Respiratory Protection:** Not required with normal use.  
**Personal Protective Equipment:** Safety glasses  
**Additional Measures:** Wash hands thoroughly with soap and water after use. Use good industrial hygiene practices.  
**Exposure Guidelines:** None Known

## Section 9 ~ Physical Chemical Properties

**Appearance:** Cloudy, White Aerosol  
**Odor:** Citrus  
**Odor Threshold:** N/D  
**pH:** 11 - 12.5  
**Melting Point/Freezing Point:** <32°F (0°C)  
**Initial Boiling Point and Boiling Range:** > 212°F (100°C)  
**Flash Point:** N/D  
**Evaporation Rate:** 0.1  
**Flammability (solid/gas):** Not considered a flammable aerosol or an extremely flammable aerosol by OSHA (29CFR 1910.1200)  
**Upper/Lower Flammability or Explosive Limits:**  
**Lower Flammability Limit:** N/D  
**Upper Flammability Limit:** N/D  
**Explosive Limit Lower (%):** N/D  
**Explosive Limit Upper (%):** N/D  
**Vapor Pressure (mm Hg):** 17.5 @ 77°F (25°C)  
**Vapor Density (AIR=1):** 1  
**Relative Density (H2O=1):** 0.99  
**Solubility(ies):** 100% water  
**Partition Coefficient: n-OCTANOL/WATER (KOW):** N/D  
**Autoignition Temperature:** N/D  
**Decomposition Temperature:** N/D  
**Viscosity:** N/D

**Section 10 ~ Stability and Reactivity**

Reactivity: None known  
 Chemical Stability: Stable  
 Possible Hazardous Reactions: None Known  
 Conditions to Avoid: Excessive heat.  
 Incompatibility: Strong oxidizers, Alkalies, Acids  
 Hazardous Decomposition or By-Product: Oxides of carbon

**Section 11 ~ Toxicological Information**

Toxicological Information: **2-Butoxyethanol** (111-76-2) LD50 (Oral, Rat) 320 mg/kg; LC50 (Inhalation, Mice, 4hr) 700 ppm; LD50 (Dermal, Rabbit) 440 mg/kg  
 Routes of Entry: Eyes, Ingestion, Inhalation, Skin  
 Eyes: Causes irritation.  
 Ingestion: May cause gastrointestinal irritation, nausea.  
 Inhalation: Irritant. Avoid breathing spray mist. May cause irritation to respiratory tract.  
 Skin: May cause mild irritation, dryness with prolonged or repeated contact.  
 Medical Condition Aggravated: None known  
 Acute Health Hazards: Eyes: redness, tearing, blurred vision  
 Chronic Health Hazards: None known  
 Carcinogenicity: OSHA: No ACGIH: No NTP: No IARC: No OTHER: No

**Section 12 ~ Ecological Information**

Ecotoxicity: **2-Butoxyethanol** (111-76-2) Toxic to aquatic life only in high concentrations, lethal concentrations not available.  
 Persistence and Degradability: This product is biodegradable.  
 Bioaccumulative Potential: This product is not expected to bioaccumulate.  
 Mobility in Soil: This product is mobile in soil.  
 Other Adverse Effects: None Known

**Section 13 ~ Disposal Considerations**

Waste Disposal: Dispose of contents in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.  
 RCRA Status: Not listed as hazardous waste under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

**Section 14 ~ Transportation Information**

Proper Shipping Name: Aerosols, Ltd. Qty.  
 Hazard Class/Division: 2.2  
 UN/NA Number: UN 1950  
 Packing Group: N/A  
 Air Shipment  
 Proper Shipping Name: Aerosols, Ltd. Qty.  
 Hazard Class/Division: 2.2  
 UN/NA Number: UN 1950  
 Packing Group: N/A  
 Shipping by Water:  
 Vessel (IMO/IMDG)  
 Proper Shipping Name: Aerosols, Ltd. Qty.  
 Hazard Class/Division: 2.2  
 UN/NA Number: UN 1950  
 Packing Group: N/A  
 Environmental Hazards Water: N/A

**Section 15 ~ Regulatory Information**

TSCA Status: All Chemicals are listed or exempt.  
 CERCLA (Comprehensive Response Compensation, and Liability Act): None  
 SARA 311/312 Hazard Categories: None  
 SARA 313 Reportable Ingredients: 2-Butoxyethanol (111-76-2)  
 Clean Water Act: None  
 State Regulations: This product contains no known chemicals regulated by California's proposition 65. **2-Butoxyethanol** (111-76-2) RTK: NJ, MA, PA  
 International Regulations: **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).  
 Volatile Organic Compounds (VOC): 15%

**Section 16 ~ Other Information**

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

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