

Material Safety Data Sheet

May be used to Comply with OSHA's
Hazard Communication Standard,
29 CFR 1910.1200(q). Standard must be
Consulted for specific requirements

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that

Identity (As Used On Label and List) A1019 Mega Safe	Date Prepared: 02-08-2012
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Section 1 ~ Identification

Manufactured for: OMEGA INDUSTRIAL SUPPLY, INC	Emergency Telephone Number: 1-800-424-9300
Address (Number, Street, Suite/Apt#) 101 Grobric Ct #1	Telephone Number for Information: 1-800-571-7347
(City, State, and Zip Code) Fairfield, CA 94534	Signature of Prepare (Optional) REGULATORY DEPT.

Section 2 ~ Hazardous/Information on Ingredients

Components (Specific Chemical Identity, Common Name(s))	CAS No.	OSHA PEL	ACGIH-TLV	%(Wt.)
Carbon dioxide	124-38-9	5000 ppm	5000 ppm	-
n-Propyl Bromide	106-94-5	25 ppm	10 ppm	

Section 3 ~ Hazard(s) Identification

EMERGENCY OVERVIEW: Aerosol under pressure do not expose to high temperatures or store in direct sunlight. Harmful if inhaled. Breathing vapors may cause drowsiness and dizziness. Causes eye, skin, and respiratory tract irritation. Target Organs: Liver, nervous system, reproductive system.

Route(s) of Entry: Skin, eyes, ingestion, inhalation.

Eyes— Causes irritation.

Skin— Mild irritation likely, may cause localized defatting. May be harmful if absorbed through the skin.

Inhalation— Harmful if inhaled. Causes respiratory tract irritation. May cause liver damage. Inhalation of vapors may cause drowsiness and dizziness.

Ingestion— Nausea, and gastric discomfort.

Health Hazards (Chronic): Repeated inhalation of high concentrations may cause lung, liver, kidney, urinary, blood, bone marrow, heart, eye, central nervous system, gastrointestinal reproductive, developmental and fertility effects.

Medical Conditions Generally Aggravated by Exposure: Excessive exposure will aggravate respiratory, cardiovascular, or pulmonary illnesses.

Carcinogenicity:	NTP?	2B	IARC?	2B	ACGIH?	No	OSHA Regulated?	No	Other?	CA Prop 65
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Section 4~ First Aid Measures

Eyes—Immediately flush with water for 15 minutes while holding eyelids open. Seek medical attention if irritation persists.

Skin— Immediately wash with soap and water for 15 minutes. Seek medical attention if irritation persists.

Inhalation— Move to fresh air. If not breathing, administer artificial respiration..

Ingestion— Do not induce vomiting. Seek medical attention.

Section 5 ~ Fire Fighting Measures

Flash Point (Method Used):	None	Flammable Limits in Air (% by Volume):		LEL:	3.8	UEL:	9.5
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Extinguishing Media – ABC dry chemical fire extinguisher, CO2, foam, or water spray.

Special Fire Fighting Procedures ó Wear a self-contained breathing apparatus and personal protective equipment to avoid skin and eyes contact with fire situations.

Unusual Fire and Explosion Hazards ó Contents under pressure exposure to high temperatures above 120°F can cause bursting. In fires, toxic and corrosive gases may be released. Do not weld or cut a drum with a torch as residual vapors could be flammable and an explosion could occur.

Section 6 ~ Accidental Release Measures

Steps to be Taken in Case Material is Released or Spilled –

Absorb spill with non-combustible material such as vermiculite, sand or earth.

Section 7 ~ Handling and Storage

Precautions to be Taken in Handling and Storing –

Store in cool, dry, ventilated area.

Work/Hygienic Practices – Observe good hygiene. Wash hands thoroughly after product use, eating, drinking, and using restrooms, etc

Section 8 ~ Exposure Controls/Personal Protection

Respiratory Protection (Specify Type) –

Wear NIOSH/MSHA approved organic vapor respiratory protection if used in confined, poorly ventilated areas.

Ventilation –

Use only in well ventilated areas..

Skin Protection –

Chemical resistant gloves are recommended.

Eye Protection –

Safety glasses are recommended.

Other protective Clothing or Equipment –

N/A

Section 9 ~ Physical Chemical Properties

Boiling Point	158°F	Specific Gravity (H₂O = 1) Concentrate	1.3
Vapor Pressure (mm/hg) @ 77°F	110.8	Melting Point	-
Vapor Density (Air=1) @ 77°F	> 1	Evaporation Rate (Butyl Acetate = 1)	4.7 (Fast)

Solubility in Water	-	pH	N/A
Appearance and Odor Clear colorless to yellow liquid, strong solvent odor.		VOC%	97%

Section 10 ~ Stability and Reactivity

Stability: Unstable Stable **Hazardous Polymerization:** May Occur Will Not Occur

Conditions to Avoid ⚠ Prolonged excessive heat. Prolonged contact with free water will result in diminished stabilizer and corrosion.

Incompatibility (Materials to Avoid) – Some plastics, strong mineral acids and strong oxidizers, prolonged contact with aluminum, magnesium and zinc.

Hazardous Decomposition or Byproducts ⚠ Oxides of carbon and hydrogen halide and bromides.

Section 11 ~ Toxicological Information

n-Propyl Bromide (106-94-5) LD₅₀ = 3,600 mg/kg (oral, rat); LC₅₀ = 253,000 mg/m³ (inhalation, rat, 0.5hr) 1,2-Butylene Oxide (106-88-7) LD₅₀ = 1,180 mg (oral, rat) LC₅₀ = 4,000 ppm (inhalation, rat, 4 hr) Classified as a possible carcinogen for humans by NTP and/or IARC Group 2B

Section 12 ~ Ecological Information

n-Propyl Bromide (106-94-5) Not considered to be a bioaccumulator. LC₅₀ = 67 mg/L (Fathead minnows, 96 hr); EC₅₀ = 208.9 mg/L (Daphnia, 24hr)

Section 13 ~ Disposal Considerations

Waste Disposal Method — Dispose of in accordance with local, State and Federal regulations.

RCRA Status: Not listed as hazardous waste under RCRA, however product should be fully characterized prior to disposal (*40 CFR 261).

Section 14 ~ Transport Information

US Depart. of Transportation (DOT)		Water Transportation (IMDG)		Air Transportation (IATA)	
Proper Shipping Name:	Consumer Commodity	Proper Shipping Name:	Aerosols, Ltd. Qty Class 2	Proper Shipping Name:	Aerosols, Limited Quantities Class 2
Hazard/Division Class:	2.2	Hazard/Division Class:	2.2	Hazard/Division Class:	2.2
UN/NA Number:	UN 1950	UN/NA Number:	UN 1950	UN/NA Number:	UN 1950
Packing Group:	None	Packing Group:	None	Packing Group:	None

Section 15 ~ Regulatory Information

U.S. Federal Regulation.

TSCA (Toxic Substance Control Act): All Chemicals are listed.

CERCLA (Comprehensive Response Compensation, and Liability Act): 1, 2-Butylene oxide < 0.6% by weight, 40 VFR 302.4.

SARA TITLE III (Superfund Amendments and Reauthorization Act):

311/312 Hazard Categories: Immediate

313 Reportable Ingredients: 1, 2-Butylene oxide < 0.6% by weight

State Regulations: n-Propyl Bromide (106-94-5) California Prop 65 1, 2- Butylene Oxide (106-88-7) RTK ⚠ NJ, PA, CA, FL, MN, MA.

International Regulations: n-Propyl Bromide CANADA (DSL): Ingredients listed WHMIS: Class D Division 2B, WHMIS ⚠HC-1.

Section 16 ~ Other Information

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

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