

Section 1 ~ Identification

Identity (As Used On Label and List) A1019 MEGA SAFE	Date Prepared: 03-15-2018
Company Information: 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 ~ Hazard(s) Identification

Classification	Dissolved Gas Skin Irritant: Category 2 Eye Irritant: Category 2A Reproductive Toxicity: Category 1B Specific Target Organ Toxicity (Single Exposure): Category 2 Specific Target Organ Toxicity (Single Exposure): Category 3, Respiratory system, Central nervous system
Hazard Statement(s)	DANGER: Contains gas under pressure; May explode if heated. Causes skin irritation. Causes serious eye irritation. May damage fertility or the unborn child. May cause respiratory irritation, drowsiness, or dizziness. May cause damage to Central Nervous System, Reproductive System, Kidney, and Liver. This product contains the following percentage of chemicals of unknown toxicity: 0%
Precautionary Statements	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 50°C/122°F. Wash hands thoroughly after handling, take off contaminated clothing and wash it before reuse. Wear protective gloves. If on skin: wash with plenty of water. If skin irritation occurs, get medical advice or attention. 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 attention. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear chemical resistant gloves and safety glasses. If exposed or concerned: Get medical advice/attention. Keep container tightly closed. Store locked up in a well-ventilated place. Dispose of contents and container in accordance with local/regional/national regulations. Do not breathe fumes, mist, vapors, and spray. Use only outdoors or in a well-ventilated area. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.

Symbols



Hazards Not Otherwise Classified: N/A

Section 3 ~ Composition/Information on Ingredients

Hazardous Ingredient	CAS No.	%(Wt.)
n-Propyl Bromide	106-94-5	60 – 100 %
Carbon Dioxide	124-38-9	1 – 5 %

Section 4 ~ First Aid Measures

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

Ingestion: If swallowed: Rinse mouth. Do NOT induce vomiting. Get medical advice or attention.

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

Skin: If on skin: Wash with plenty of water. If skin irritation occurs: get medical attention.

Acute Health Hazards: Headache, drowsiness, dizziness, nausea, vomiting or narcosis.

Chronic Health Hazards: 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.

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, foam, and water spray or fog.

Unsuitable Extinguishing Media: N/A

Special Fire Fighting Procedures: Wear SCBA in fire situations.

Unusual Fire and Explosion Hazards: Keep away from sparks, open flames, and hot surfaces. No smoking.

Hazardous Combustion Products: Oxides of carbon, hydrogen halides, bromides

Section 6 ~ Accidental Release Measures

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

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

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

Other Precautions: Keep out of the reach of children.

Incompatibility: Strong alkalis, oxidizers, bases, reactive metals, and natural rubber.

Section 8 ~ Exposure Controls/Personal Protection

Hazardous Ingredient	OSHA PEL	ACGIH TLV
n-Propyl Bromide	25 ppm	10 ppm
Carbon Dioxide	5000 ppm	5000 ppm

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

Respiratory Protection: Wear NIOSH/MSHA approved organic vapor respiratory protection if exposure limits are exceeded.

Personal Protective Equipment: Safety glasses and chemical resistant gloves

Additional Measures: Wash hands thoroughly after handling.

Section 9 ~ Physical Chemical Properties

Appearance: Clear colorless to yellow liquid
Odor: Strong solvent odor
Odor Threshold: N/D
Boiling Point: 158°F (70°C)
Freezing Point: -166.8°F (-110.5°C)
Flammability: Not considered a flammable aerosol or an extremely flammable aerosol by OSHA (29CFR 1910.1200)
Flash Point: N/D
Autoignition Temperature: N/D
Lower Flammability Limit: N/D
Upper Flammability Limit: N/D

Vapor Pressure (mm Hg): 110.8 @ 77°F (25°C)
Vapor Density (AIR=1): > 1 @ 77°F (25°C)
Evaporation Rate: 4.7 (Fast)
Specific Gravity (H2O=1): 1.3
pH: N/A
Solubility in Water: Non-soluble
Partition Coefficient: n-OCTANOL/WATER (KOW): N/D
Volatile Organic Compounds (VOC): 97%
Decomposition Temperature: N/D
Viscosity: N/D

Section 10 ~ Stability and Reactivity

Reactivity: None Known
Chemical Stability: Stable
Conditions to Avoid: Excessive heat. Prolonged contact with free water will result in diminished stabilizer and corrosion.
Incompatibility: Strong alkalis, oxidizers, bases, reactive metals, and natural rubber
Hazardous Decomposition or By-Product: Oxides of carbon, hydrogen halides, bromides
Possible Hazardous Reactions: None Known

Section 11 ~ Toxicological Information

Toxicological Information: n-Propyl Bromide (106-94-5) LD50 (oral, rat) 3600 mg/kg; LC50 (rat, 0.5hr) 253,000 mg/m3
Routes of Entry: Eyes, Ingestion, Inhalation, Skin
Eyes: Causes irritation
Ingestion: Nausea and gastric discomfort.
Inhalation: Causes irritation to the respiratory tract, headache, dizziness, nausea, vomiting or narcosis. May cause liver damage.
Skin: Causes mild irritation, dryness, localize defatting.
Medical Condition Aggravated: Pre-existing conditions of the skin, liver, CNS, and kidneys
Acute Health Hazards: Headache, drowsiness, dizziness, nausea, vomiting or narcosis.
Chronic Health Hazards: 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.
Carcinogenicity: OSHA: No ACGIH: No NTP: No IARC: 2B - Possible OTHER: CA Prop 65

Section 12 ~ Ecological Information

Ecological Information: n-Propyl Bromide (106-94-5) Not considered to be a bioaccumulator. LC50 (Fathead Minnow, 96hr) 67 mg/L; EC50 (Daphnia, 24hr) 208.9 mg/L
Biodegradability: Component or components of this product are not biodegradable.
Bioaccumulation: This product is not expected to bioaccumulate.
Soil Mobility: This product is mobile in soil.
Other Ecological Hazards: None Known

Section 13 ~ Disposal Considerations

Waste Disposal: Dispose of in accordance with federal, state, and local regulations.
RCRA Status: Waste likely considered D001 (Ignitable 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 Packaging Group: N/A	Air Shipment Proper Shipping Name: Aerosols, Ltd. Qty. Hazard Class/Division: 2.2 UN/NA Number: UN 1950 Packaging 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 Packaging 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: Immediate
SARA 313 Reportable Ingredients: 1, 2-Butylene Oxide (106-88-7) < 0.6% by weight.
State Regulations: CA Prop 65: This product can expose you to chemicals including 1-Bromopropane, which is known to the State of California to cause cancer and birth defects or other reproductive harm.
International Regulations: n-Propyl Bromide (106-94-5) 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	1	1	3= Serious
REACTIVITY	0	0	2= Moderate
OTHER/PROTECTION	None	B	1= Slight 0= Minimal

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