

SECTION 1 - IDENTIFICATION**Product:** WHISTLE™ AEROSOL**Recommended use of the chemical and restrictions on use:****Uses:** Glass cleaner and polish aerosol.**List of advices against:** None.**Details of the supplier of the Safety Data Sheet:**

Momar, Inc.
1830 Ellsworth Industrial Dr.
Atlanta, Ga. 30318
404-355-4580
800-556-3967
www.momar.com

Emergency Telephone Number (INFOTRAC): North America: 1-800-535-5053
International: 1-352-323-3500

SECTION 2 – HAZARD IDENTIFICATION

Classification: Gas Under Pressure Liquefied Gas
Signal Word: Warning.
Hazard Statements: Contains gas under pressure; may explode if heated.

Pictograms:**Precautionary Statements:**

Prevention: None required.
Response: None required.
Storage: Protect from sunlight.
Store in a well-ventilated place.
Disposal: None required.

Other Hazards: No information available.**SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	CAS Number	Percent Weight
2-Butoxyethanol	111-76-2	2.5 – 10
Ethyl Alcohol	64-17-5	2.5 - 10
Butane	106-97-8	1.0 – 2.5
Propane	74-98-6	1.0 – 2.5

SECTION 4 – FIRST AID MEASURES

- Eye Contact:** Flush eyes with a large quantity of water for 15 minutes. If irritation continues, seek medical attention.
- Skin Contact:** No adverse effects expected. If irritation occurs, wash with water to remove product. Remove contaminated clothing and wash before reuse. If irritation persists, contact a physician.
- Inhalation:** No adverse effects expected. Not an inhalation hazard.
- Ingestion:** No adverse effects expected under normal use. If large quantities are swallowed, contact a physician.
- Most Important Symptoms and Effects:**
- Acute:** May cause eye irritation with contact with product or mists. This is characterized by redness and swelling of the eye.
 - Delayed:** Repeated or prolonged exposure to skin may cause dermatitis.
- Indication of Any Immediate Medical Attention and Special Treatment Needed:** None.

SECTION 5 – FIREFIGHTING MEASURES

Extinguishing Media: Water fog, foam, dry chemical, Carbon dioxide

Specific Hazards Arising From the Substance or Product: Contents under pressure. Pressurized containers may explode when exposed to heat or flame.

Hazardous Combustion Products: Potentially oxides of carbon.

Protective Equipment and Precautions for Firefighters: Use water spray to cool fire exposed containers and to flush spills. Spilled material may cause the floor to be slippery. Fire fighters wear self-contained breathing apparatus with full face piece in pressure demand or other positive pressure mode for surrounding fire.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures: Product is slippery. Wear appropriate personal protection equipment.

Environmental Precautions: Avoid getting product into sewers or water ways.

Methods and Materials for Containment and Cleaning Up: Contain spill if possible. Absorb on mineral clay absorbent material. Shovel into DOT approved container for disposal.

SECTION 7 – HANDLING AND STORAGE

Precautions for Safe Handling: Avoid spills and clean them up immediately when they occur. Product is slippery. Do not use if spray button is missing. For industrial or professional use only. **KEEP OUT OF REACH OF CHILDREN!**

Conditions for Safe Storage: Keep container closed when not in use. Store at temperatures below 122°F. NFPA Level 1 Aerosol.

Incompatibilities: Contact with flames and other heat sources.

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits and Recommendations:

Chemical Name	OSHA PEL	ACGIH TLV	Other Exposure Limits
2-Butoxyethanol	240 mg/m ³	20 ppm	
Ethyl Alcohol	50 ppm	1000 ppm	
Propane	1000 ppm	None	

Engineering Controls: Normal ventilation.

Personal Protection Measures:

Respiratory Protection: Not normally required.
Skin and Body: Use of gloves is recommended.
Eye Protection: Safety glasses recommended.
Other Recommendations: None.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Clear, colorless liquid with butyl odor.
Odor Threshold: Not determined.
pH: 9.5 – 10.5.
Freezing Point: Not determined.
Boiling Point: 212°F
Flash Point: -156°F propellant.
Evaporation Rate (BUAC=1): Slower.
Flammability: Aerosol Spray Ignition Distance: <15 cm.
Flammability or Explosion Limits: **Upper:** Not applicable. **Lower:** Not applicable.
Vapor Pressure: Not determined.
Specific Gravity: 0.97
Solubility in Water: Complete.
Solubility in Other Solvents: Not determined.
Partition Coefficient (n-octanol/water): Not determined.
Auto-ignition Temperature: Not applicable.
Decomposition Temperature: Not determined.
Viscosity: Not determined.
Other Information: None.

SECTION 10 – STABILITY AND REACTIVITY

Reactivity: No dangerous reaction known under conditions of normal use.
Chemical Stability: Stable.
Possible Hazardous Reactions: None known.
Conditions to Avoid: Open flame and sources of heat.

Incompatible Materials:

None known.

Hazardous Decomposition Products:

Oxides of carbon.

SECTION 11 – TOXICOLOGICAL INFORMATION

Routes of Exposure:

Inhalation	Ingestion	Skin	Eye
		X	X

Physical, Chemical and Toxicological Effects:

Symptoms: May cause eye irritation with contact with product or mists. This is characterized by redness and swelling of the eye. Prolonged or repeated skin contact may cause irritation or dermatitis.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure:

Sensitization: Not a skin sensitizer.

Germ Cell Mutagenicity: No data available.

Carcinogenicity: This product has not been identified as a carcinogen or probable carcinogen by NTP, IARC, or OSHA, nor have any of its components.

Reproductive Toxicity: This product does not contain any known or suspected reproductive hazards.

Specific Target Organ Toxicity: Eye (Single Exposure).

Numerical Measures of Toxicity:

Product:

Product Name	Oral LD50	Dermal LD50	Inhalation LC50
Whistle	16,398.88 mg/kg (rat)	7,674.2 mg/kg (rabbit)	15701.05 mg/kg, 4hrs (rat)

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: This product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Persistence and Degradability: Expected to biodegrade.

Bioaccumulation: Not determined.

Mobility: Not determined.

Other Adverse Effects: None known.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Treatment Methods:

Disposal of Wastes:

Dispose of product in accordance with national and local regulations.

Contaminated Packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal.

Other Information: Contents under pressure. Do not puncture, incinerate or crush.

SECTION 14 – TRANSPORTATION INFORMATION

DOT:

UN Number: Not listed.
Proper Shipping Name: Limited Quantity.
Hazard Class: Not applicable.
Packing Group: Not applicable.

SECTION 15 – REGULATORY INFORMATION

US Federal Regulations:

TSCA: All ingredients of this product are listed in the TSCA inventory.
SARA 313: This product contains the following chemical or chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and Title 40 CFR 372.

Chemical Name	CAS Number	Percent Weight
2-Butoxyethanol	111-76-2	2.5 – 10

US State Regulations:

California: This product contains the following chemical or chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm: None.

SECTION 16 – OTHER INFORMATION

Issue Date: March 7, 2000
Revision Date: November 3, 2014

Health	Flammability	Reactivity	Personal Protection
1	2	0	X

All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources. While the information is believed to be accurate at the time of publication, Momar, Incorporated makes no representations as to its accuracy or sufficiency. Conditions of use are beyond Momar, Incorporated's control; and therefore, users are responsible to verify this data under their own operating conditions to determine whether the product is suitable for their particular purposes; and they assume all risks of their use, handling, and disposal of the product or from the publications or use of, or reliance upon, information contained herein. This Information relates only to the product designed herein and does not relate to its use in combination with any other material or in any other process.