

PRODUCT NAME: BOWLETTE

PRODUCT NUMBER: 201001

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MATERIAL SAFETY DATA SHEET

Per 29 CFR 1910.1200

DATE PREPARED : 2/19/93

SECTION I.

BRULIN & COMPANY. INC. P.O. BOX 270, INDIANAPOLIS, IN 46206-0270 (317) 923-3211

WEST COAST FACTORY
Richmond, California

SOUTHEASTERN FACTORY
Tampa, Florida

24 HOUR EMERGENCY NUMBER

CHEMTREC 1-800-424-9300

IDENTITY (As listed on label):

BOWLETTE

Health: 2
HMIS HAZARD RATINGS: Flammability: 0

Reactivity: 0

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components (Specific Chemical Identity: Common Name(s))	CAS #	OSHA PEL	ACGIH TLV-TWA	OTHER LIMITS RECOMMENDED	PERCENT
* Phosphoric Acid	7664-38-2	1 mg/m3	1 mg/m3	STEL 3 mg/m3	14
* Hydrogen Chloride (hydrochloric acid)	7647-01-0	5 PPM	5 PPM ceiling	None	4

SECTION 313 SUPPLIER NOTIFICATION

The toxic chemical(s) listed above which are marked with an (*) are subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 212 F Specific Gravity (H₂O=1): 1.093
Vapor Pressure (mm Hg): Unknown Melting Point: Unknown
Vapor Density (Air=1): Unknown Evaporation Rate (water=1): 1.0
Solubility in Water: Complete
Appearance and Odor: Viscous green liquid, sassafras odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): None

Flammable Limits LEL NA UEL NA

Extinguishing Media: NA

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: Prolonged contact with soft metals such as aluminum may result in the release of flammable hydrogen gas.

SECTION V - REACTIVITY DATA

Stability Unstable ____ Stable X

Conditions to Avoid:

Freezing

Incompatibility (Materials to Avoid):

Strong alkalis

Hazardous Decomposition or Byproducts:

Acid fumes

Hazardous Polymerization: May Occur ____ May Not Occur X

Conditions to Avoid: None

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry: Ingestion? Yes Skin? Yes Inhalation? Yes (mists) Eyes?

Health Hazards (Acute and Chronic): Skin contact may cause irritation or burns. Eye burns expected upon direct contact. Breathing of mists and/or vapors may cause respiratory irritation. Ingestion may cause severe internal irritation.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

Signs and Symptoms of Exposure: Prolonged skin contact may cause redness, burning. Direct eye contact causes burns.

Medical Conditions Generally Aggravated by Exposure: None known

Emergency & First Aid Procedures:

Eye Contact: Flush with large amounts of water for 15 minutes lifting upper and lower lids occasionally. Get medical attention.

Inhalation: Remove to fresh air. Administer oxygen if breathing is difficult.

Skin Contact: Wash with mild soap and water. Remove contaminated clothing and launder before reuse.

Ingestion: DO NOT INDUCE VOMITING. Dilute by giving water. Give Milk of Magnesia if available. Keep person warm, quiet and get immediate medical attention.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled: Neutralize with baking soda or soda ash. Flush to sewer with large quantities of water.

Waste Disposal Method: Dispose according to Federal, State and Local Laws and 40 CFR.

Precautions to be Taken in Handling and Storing: Store between 40 and 120 F.

SECTION VIII - CONTROL MEASURES

Respiratory Protection (Specify Type): None

Ventilation: Mechanical (general) ventilation is sufficient.

Protective Gloves: Recommended (rubber)

Eye Protection: Recommended

Other Protective Clothing or Equipment: None

Work/Hygienic Practices: Do not mix with ammonia or bleach. Wash hands after handling.