

MATERIAL SAFETY DATA SHEET

Great Lakes – Bunzl Processor Division
1524 Vernon Street
North Kansas City, MO 64116
Phone: 816-448-4300

Reference No. 12102
Green CLD

Manufactured by:
AtLasta Specialty Ink Co., Inc.
4600 South Square Dr.
High Ridge, MO 63049
(636) 677-5353

HAZARD RATINGS

| | | | |
|----------|---|--------------|---|
| Minimal | 0 | HEALTH | 1 |
| Slight | 1 | FLAMMABILITY | 0 |
| Moderate | 2 | REACTIVITY | 0 |
| Serious | 3 | | |
| Severe | 4 | | |

Date of Revision: 01-06-14

Emergency Ph. Call CHEMTREC 800-424-9300

1. PRODUCT IDENTIFICATION

Product Classification:

Blue Green Detergent Solution of Citronella

Manufacturers Identification: Great Lakes Concentrated Liquid Denaturant

2. HAZARDOUS INGREDIENTS

| | Wt % | PEL(ppm) | TLV(ppm) | CAS NO. |
|--------------------------------|------|----------|----------|---------|
| Citronella | 15 | N/A | N/A | Mixture |
| Proprietary Detergent Solution | 60 | N/A | N/A | Mixture |

3. PHYSICAL DATA

Appearance & Odor: Viscous Green Liquid with Characteristic Citronella Odor.

Boiling Range: 212F - 240 F **Vapor Density:** (X) Heavier than air () Lighter than air

Evaporation Rate: () Faster (X) Slower than Ether

Percent Volatile by Volume: 75 % Weight per gallon: 8.5 lb/gal

Solubility In Water: Complete

4. FIRE AND EXPLOSION HAZARD DATA

Flammability Classification: Non-combustible

Flash point: N/A **LEL:** N/A

Extinguishing Media: N/A

Special Firefighting procedures: None.

Unusual Fire and Explosion Hazards: None known

NFPA Codes: Health-1 Flammability-0 Reactivity-0

5. HEALTH HAZARD DATA

Permissible Exposure Level: Not Established

Threshold Limit Value: Not Established

Effects of Acute Overexposure: For product:

Eyes - Can cause moderate irritation, redness, tearing.

Skin - Can cause slight irritation

Breathing - Excessive inhalation of vapors can cause nasal and respiratory irritation

Swallowing - Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

First Aid:

If on skin: thoroughly wash exposed area with soap and water. Remove contaminated clothing. Launder contaminated clothing before re-use.

If in eyes: Flush with large amounts of water, lifting upper and lower lids occasionally and medical attention.

If swallowed: Get medical attention immediately. Never give anything by mouth to an unconscious person.

If breathed: If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped give artificial respiration. Keep person warm, quiet and get medical attention.

Primary Route(s) of Entry: Inhalation, skin contact.

Effects of Chronic Overexposure: For product, not established

6. REACTIVITY DATA

Hazardous Polymerization: Cannot occur

Stability: Stable

Incompatibility: Materials not compatible with water.

7. SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled:

Slip HAZARD: CAUTION: SMOOTH SURFACES WET WITH PRODUCT WILL BE SLIPPERY!
CARE IS ADVISED WHEN WALKING ON SPILLS OF PRODUCT.

Small Spill: Absorb liquid on paper, vermiculite, floor absorbent, or other absorbent material.

Large Spill: Stop spill at source, dike area of spill to prevent spreading, pump liquid to salvage tank.
Remaining liquid may be taken up on sand, clay, earth, floor absorbent, or other absorbent material and shoveled into containers.

Waste Disposal Method:

Small Spill: Flush down drain with large amounts of water in accordance with applicable regulations.

Large Spill: Absorbent may be deposited in a landfill in accordance with local, state and federal regulations.

8. SPECIAL PROTECTION INFORMATION

Respiratory Protection: If workplace exposure limit(s) of product or any component is exceeded (See Section II), a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure type) under specified conditions (See your safety equipment supplier). Engineering or administrative controls should be implemented to reduce exposure.

Ventilation: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV (S).

Protective Gloves: Wear resistant gloves such as: Neoprene

Eye protection: Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type safety glasses. (Consult your safety equipment supplier).

Other protective equipment: To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

9. SPECIAL PRECAUTIONS

CAUTION: SMOOTH SURFACES WET WITH PRODUCT WILL BE SLIPPERY! CARE IS ADVISED WHEN WALKING ON SPILLS OF PRODUCT.

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Users are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.