## Material Safety Data Sheet

## SECTION 1 -- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: BioLaundry Advanced Enzyme Laundry Detergent
Item \#: 68262
Issue Date: 3/14/08
Supercedes: 11/19/07


Professional Series

MANUFACTURER
Clean Control Corporation
PO Box 7444
Warner Robins GA 31095

## TELEPHONE NUMBERS

Medical Emergency ( 8 am - 5 pm EST): $\quad 800.841 .3904$
Quality Assurance Hotline ( $8 \mathrm{am}-5 \mathrm{pm}$ EST): 800.841 .3904
Transportation Emergency (24-hours): $\quad 800.424 .9300$

SECTION 2 -- COMPOSITION / INFORMATION ON INGREDIENTS

| Components |  |  | Exposure Limits |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| * -- (see note below) |  | Wt\% | OSHA PEL | ACGIH TLV | NIOSH REL |
|  | Water (CAS No. 7732-18-5) | >75.0 | None | None | None |
|  | Sodium dodecylbenzene sulfonate (CAS No. 25155-30-0) | <10.0 | None | None | None |
| * | Dodecanol ethoxylate (CAS No. 68131-39-5) | <10.0 | None | None | None |
| * | Sodium lauryl ether sulfate (CAS No. 9004-82-4) | < 5.0 | None | None | None |
| * | Sodium citrate, dibasic (CAS No. 144-33-2) | < 5.0 | None | None | None |

* -- Asterisked ingredients are those considered hazardous according to the criteria of 29CFR1910.1200.

Other ingredients are listed for informational purposes to assist emergency medical response personnel.

## SECTION 3 -- HAZARDS IDENTIFICATION

## EMERGENCY OVERVIEW

CAUTION: Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling. Avoid breathing spray mist.

## HMIS Rating

| Health | $\mathbf{2}$ |
| :--- | :--- |
| Flammability | 0 |
| Reactivity | 0 |


| SECTION 4 -- FIRST | AID MEASURES |
| ---: | :--- | :--- |
| Eye Contact: | IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention. |
| Skin Contact: | IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists. |
| Inhalation: | IF INHALED: Move to fresh air. If not breathing, give artificial respiration, preferable mouth-to-mouth. Get medical <br> attention. |
| Ingestion: | IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water. Induce vomiting only if <br> advised by a physician. |

## SECTION 5 -- FIRE FIGHTING MEASURES

Flash Point

Flammable Limits:
Extinguishing Media:
Special Fire Fighting Procedures:

Fire and Explosion Hazards:

Not applicable
Not established
Use water, foam, dry chemical, or carbon dioxide.
None

No hazard beyond that of ordinary combustible material.


## SECTION 6 -- ACCIDENTAL RELEASE MEASURES

Response to Spills: Small spills: Contain spill. Flush to sanitary sewer. Rinse area thoroughly with water. Large spills: Dike or dam spill. Pump to containers or soak up with inert absorbent. Prevent runoff to creeks and waterways.

## SECTION 7 -- HANDLING AND STORAGE

Handling Precautions: Wash after handling. Wash hands before eating. Keep container tightly closed when not in use.
Storage Precautions: Store in a cool, dry place. Keep storage temperature below $120^{\circ}$ F. Do not contaminate food, feed, or drinking water. Keep from freezing.

## SECTION 8 -- EXPOSURE CONTROLS / PERSONAL PROTECTION

Hygienic Practices:
Engineering Controls: Personal Protective Equipment:

Normal procedures for good hygiene. Avoid eye and skin contact.
No special ventilation requirements. Eyewash station is recommended.
Occupational settings (defined by 29CFR1910-Subpart A) require compliance with 29CFR1910-Subpart I.
Respirator... $\qquad$ NIOSH approved organic vapor type (not normally required) Goggles/Face Shield....... Recommended, as required, to prevent eye contact. Gloves..............................Recommended, as required, to prevent skin contact (rubber or Neoprene).

## SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

| Appearance.............................................................. Clear, blue liquid | Boiling Point................................................................... ${ }_{\text {a }}$ established |
| :---: | :---: |
| Odor ................................................ Slight characteristic fatty odor | Freezing Point .............................................................. ${ }_{\text {a }}$ established |
| pH....................................................................................-8-8.0 | Evaporation Rate (Butyl Acetate=1)...........................Not established |
| Specific Gravity ( $\mathrm{H}_{2} \mathrm{O}=1$ ) ..............................................055-1.065 | Vapor Density (Air=1).................................................. ${ }_{\text {a }}$ established |
| Solubility ..............................................................................eluble | Vapor Pressure (mmHg)............................................Not established |

## VOC Content (\% Wt.) .......................................... $0.01 \%$ ( $0.000 \mathrm{lbs} / \mathrm{gallon}$ )

## SECTION 10 -- STABILITY AND REACTIVITY

Chemical Stability: Conditions to Avoid: Incompatibility:
Hazardous Decomposition:
Polymerization: Conditions to Avoid:

Stable
None known
Strong acids and strong oxidizing agents.
Combustion may produce carbon monoxide.
Hazardous polymerization will not occur.
Not applicable

| SECTION 11 -- TOXICOLOGICAL INFORMATION |  |  |
| :---: | :---: | :---: |
|  | THIS PRODUCT CONTAINS A KNOWN OR SUSPECTED CARCINOGEN |  |
| X | THIS PRODUCT DOES NOT CONTAIN ANY KNOWN OR ANTICIPATED CARCINOGENS ACCORDING TO THE CRITERIA OF THE NTP ANNUALREPORTON CARCINOGENS AND OSHA 29 CFR 1910.1000 , Subpart 7 . REPORT ON CARCINOGENS AND OSHA 29 CFR 1910.1000, Subpart Z. |  |
| Other Effects: $\begin{aligned} & \text { Acute: } \text { Not determined. } \\ & \text { Chronic: } \text { Skin irritation may occur among hypersensitive individuals following repeated contact. }\end{aligned}$ |  |  |
|  | TION 12 -- ECO | OOGICAL INFORMATION |

Biodegradability: Considered biodegradable $\mathrm{BOD}_{5}$ / COD Value: Not established

## SECTION 13 -- DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of in accordance with local, state, and federal regulations. RCRA Classification: Non-hazardous

## SECTION 14 -- TRANSPORT INFORMATION

DOT Classification: Exceptions:
Description: Not applicable

## SECTION 15 -- REGULATORY INFORMATION

|  | EPA Registered: |  |
| :--- | ---: | :--- |
| $X$ | TSCA: | Ingredients have been listed. |
| $X$ | CERCLA: | Reportable Quantity - 20,000 lbs. (Sodium dodecylbenzenesulfonic acid RQ 1000 lbs.) |
| $X$ | SARA 302/304: |  |
| $X$ | SARA 311/312: | Immediate (Acute) Health Hazard |
|  | SARA 313: |  |
|  | HACCP: |  |
|  | WHMIS Class: |  |
| SECTION 16 -- OTHER INFORMATION |  |  |

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Revision Summary: Revised Section(s): 1, 15 and 16

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