

**COMPANY IDENTITY:** Cleaner Solutions, LLC  
**PRODUCT IDENTITY:** BALANCE/ES-8000LT Laundry Detergent

**SDS DATE:** 7/14/2015

**ORIGINAL:** 3/19

### SAFETY DATA SHEET

This safety data sheet conforms to ANSI Z400.5 and to the format requirements and the International Chemical Safety Cards of the Global Harmonizing System. This SDS complies with 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD.) Important: Read this SDS before handling and disposing of this product. Pass this information on to customers, employees and users of this product.

#### SECTION 1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

**PRODUCT IDENTITY:** BALANCE/ ES-8000LT Laundry Detergent  
**PRODUCT USES:** Enzymatic laundry detergent  
**COMPANY INFORMATION:** Cleaner Solutions, LLC  
 9120 Talbot Avenue  
 Silver Spring, MD 20910  
**CONTACT PHONE:** (301) 565-3222

#### SECTION 2. HAZARDS IDENTIFICATION

##### HAZARD STATEMENTS:

H316 Causes mild skin irritation (CAT:3)  
 H317 May cause an allergic skin reaction (CAT:3)  
 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled  
 H361 Suspected of damaging fertility or the unborn child (CAT:1B)

##### PRECAUTIONARY STATEMENTS:

P102 Keep out of reach of children  
 P201 Obtain special instructions before use  
 P202 Do not handle until all safety precautions have been read and understood

#### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

| MATERIAL   | CAS#       | WT %  |
|--|------------|-------|
| Ethanol, 2-phenoxy-  | 122-99-6   | 1.0   |
| Glycine, N,N'-1,2-ethanediybis[N-(carboxymethyl)-, sodium salt (1:4) | 64-02-8    | 0.1   |
| Poly(oxy-1,2-ethanediy), $\alpha$ -undecyl- $\omega$ -hydroxy-       | 34398-01-1 | 12.5  |
| Borax  | 1303-96-4  | 0.1   |
| Proteinase, <i>Bacillus subtilis</i>                                 | 51931-23-8 | ~15.0 |
| $\alpha$ -Amylase, bacterial   | 9000-85-5  | ~15.0 |
| <i>Bacillus</i> (bacterium genus)                                    | 68582-99-0 | <0.1  |

#### SECTION 4. FIRST AID MEASURES

**EYE CONTACT:** Immediately flush with clear running water for 15 minutes. Get medical attention.  
**SKIN CONTACT:** Rinse skin with clear water.  
**INHALATION:** Avoid exposure to aerosols. If an aerosol is formed, leave the area immediately and wait for aerosol to settle or be removed before returning. Do not inhale dissolved product. If inhaled in any phase, see a doctor immediately.  
**SWALLOWING:** Immediately drink large quantities of water. Get medical attention.

#### SECTION 5. FIRE FIGHTING MEASURES

**FIRE & EXPLOSION PREVENTIVE MEASURES:** Product does not support combustion.  
**EXTINGUISHING MEDIA:** Use carbon dioxide, dry chemical, water mist, or alcohol foam.

#### SECTION 6. ACCIDENTAL RELEASE MEASURES

**PERSONAL PROTECTIVE EQUIPMENT:** Wear gloves if disposal requires handling.  
**ENVIRONMENTAL PRECAUTIONS:** None.  
**CONTAINMENT AND CLEAN-UP MEASURES:** Dilute with water and flush to sanitary sewer.

#### SECTION 7. HANDLING AND STORAGE

**HANDLING:** Wear gloves when handling. Keep out of reach of children. Follow all special instructions on use.

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STORAGE: Keep container closed when not in use. Do not freeze.

#### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

| COMPONENT | CAS#      | TWA (OSHA)         |
|-----------|-----------|--------------------|
| Borax     | 1303-96-4 | 6mg/m <sup>3</sup> |

Remarks: Upper Respiratory Tract irritation. Not classifiable as a human carcinogen.

RESPIRATORY, VENTILATION, EYE, HAND & SKIN PROTECTION: Wear gloves when handling.

#### SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

|                             |                                     |
|-----------------------------|-------------------------------------|
| APPEARANCE: Yellow liquid.  | ODOR: Lavender                      |
| pH: 9.5--10.0               | FREEZING POINT: ~0°C                |
| BOILING POINT: ~100°C       | FLASH POINT: N/A                    |
| FLAMMABILITY: Not flammable | VAPOR PRESSURE: ND                  |
| SPECIFIC GRAVITY: 1.02      | SOLUBILITY IN WATER: Highly soluble |

#### SECTION 10. STABILITY & REACTIVITY

STABILITY: Stable.  
 MATERIALS TO AVOID: Oxidizers or strong acids may inactivate cultures.  
 HAZARDOUS DECOMPOSITION PRODUCTS: Carbon oxides from burning.  
 HAZARDOUS POLYMERIZATION: Will not occur.

#### SECTION 11. TOXICOLOGICAL INFORMATION

##### ACUTE HAZARDS

EYE & SKIN CONTACT: May cause an allergic reaction especially in people with a history of allergic reaction. Possible eye irritant.  
 SWALLOWING: Possible gastric pain and vomiting if large quantities are ingested.

##### CHRONIC HAZARDS

CANCER, REPRODUCTIVE, & OTHER CHRONIC HAZARDS: This product has no carcinogens listed by IARC, NTP, NIOSH, OSHA, or ACGIH.  
 PATHOGENICITY: Bacterial cultures are CDC Biosafety Level 1 (non-pathogenic).

##### MAMMALIAN TOXICITY INFORMATION

LD50 (Oral): ND

#### SECTION 12. ECOLOGICAL INFORMATION

ENVIRONMENTAL EFFECTS: Minimal impact, as cultures naturally occur in soil and water.  
 MOBILITY: Disperses in water.  
 DEGRADABILITY: Biodegradable.  
 ACCUMULATION: None likely.

#### SECTION 13. DISPOSAL CONSIDERATIONS

All disposal must be in accordance with all federal, state and local regulations.

#### SECTION 14. TRANSPORT INFORMATION

This product is a non-hazardous liquid for transport purposes.

#### SECTION 15. REGULATORY INFORMATION

##### EPA REGULATION:

SARA TITLE III REPORTING REQUIREMENTS  
 SECTION 302, 304 Reporting not required.  
 SECTION 311, 312 Reporting not required for inventory above TPQ.  
 SECTION 313 Reporting may be required for users in manufacturing sector.

##### STATE REGULATIONS:

CALIFORNIA SAFE DRINKING WATER & TOXIC ENFORCEMENT ACT (PROPOSITION 65):  
 This product contains no chemicals known to the state of California to cause cancer and reproductive toxicity.

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**SECTION 16. OTHER INFORMATION**

HAZARD RATINGS (HMIS):

HEALTH: 1      REACTIVITY: 0      FLAMMABILITY: 0      PHYSICAL HAZARD: 0