# SAFETY DATA SHEET

## STAINBLASTER ENZYME BOOST

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

| | | |
|---|---|---|
| Product name | : | STAINBLASTER ENZYME BOOST |
| Other means of identification | : | Not applicable |
| Recommended use | : | Laundry product |
| Restrictions on use | : | Reserved for industrial and professional use. |
| Product dilution information | : | Product is sold ready to use. |
| Company | : | Ecolab Inc.<br>1 Ecolab Place<br>St. Paul, Minnesota USA 55102<br>1-800-352-5326 |
| Emergency health information | : | 1-800-328-0026 (US/Canada), 1-651-222-5352 (outside US) |
| Issuing date | : | 11/04/2025 |

## SECTION 2. HAZARDS IDENTIFICATION

**GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)**

Flammable liquids : Category 3
Eye irritation : Category 2A

**GHS label elements**

Hazard pictograms :

Signal Word : Warning

Hazard Statements : Flammable liquid and vapor.
Causes serious eye irritation.

Precautionary Statements :

**Prevention:**
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion-proof electrical/ ventilating/ lighting/ equipment. Use non-sparking tools. Take action to prevent static discharges. Wash skin thoroughly after handling. Wear protective gloves, eye protection and face protection.
**Response:**
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/ attention. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.
**Storage:**
Store in a well-ventilated place. Keep cool.
**Disposal:**
Dispose of contents/ container to an approved waste disposal plant.

**Other hazards** : None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/mixture : Mixture

| Chemical name | CAS-No. | Concentration (%) * |
|---|---|---|
| glycerin | 56-81-5 | 10 - 30 |
| Dodecylbenzenesulphonic acid, compound with 2,2',2''-nitrilotriethanol (1:1) | 27323-41-7 | 7 - 13 |
| Soap | 61790-64-5 | 5 - 10 |
| alcohols, c12-16, ethoxylated >5EO | 68551-12-2 | 3 - 7 |
| Isopropanol | 67-63-0 | 1 - 5 |
| triethanolamine | 102-71-6 | 1 - 5 |
| sodium metabisulphite | 7681-57-4 | 0.5 - 1.5 |

* Ranges if listed above for hazardous ingredient(s) are prescribed ranges. The actual concentration(s) or actual concentration range(s) are being withheld as a trade secret.

## SECTION 4. FIRST AID MEASURES

In case of eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/ attention.

In case of skin contact : Rinse with plenty of water.

If swallowed : Rinse mouth. Get medical attention if symptoms occur.

If inhaled : Get medical attention if symptoms occur.

Protection of first-aiders : If potential for exposure exists refer to Section 8 for specific personal protective equipment.

Notes to physician : Treat symptomatically.

Most important symptoms and effects, both acute and delayed : See Section 11 for more detailed information on health effects and symptoms.

## SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : High volume water jet

Specific hazards during fire fighting : Fire Hazard
Keep away from heat and sources of ignition.
Flash back possible over considerable distance.
Beware of vapors accumulating to form explosive concentrations.
Vapors can accumulate in low areas.

Hazardous combustion products : Decomposition products may include the following materials:
Carbon oxides
Nitrogen oxides (NOx)

Sulfur oxides

Special protective equipment for fire-fighters : Use personal protective equipment.

Specific extinguishing methods : Use water spray to cool unopened containers. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Remove all sources of ignition. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.

Environmental precautions : Do not allow contact with soil, surface or ground water.

Methods and materials for containment and cleaning up : Eliminate all ignition sources if safe to do so. Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

## SECTION 7. HANDLING AND STORAGE

Advice on safe handling : Avoid contact with skin and eyes. Keep away from fire, sparks and heated surfaces. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Wash hands thoroughly after handling. In case of mechanical malfunction, or if in contact with unknown dilution of product, wear full Personal Protective Equipment (PPE).

Conditions for safe storage : Keep away from heat and sources of ignition. Keep in a cool, well-ventilated place. Keep away from oxidizing agents. Keep out of reach of children. Keep container tightly closed. Store in suitable labeled containers.

Storage temperature : 0 °C to 50 °C

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Ingredients with workplace control parameters**

| Components | CAS-No. | Form of exposure | Permissible concentration | Basis |
|---|---|---|---|---|
| glycerin | 56-81-5 | TWA | 10 mg/m3 | ACGIH |
| | | TWA (respirable fraction) | 5 mg/m3 | OSHA Z1 |
| Isopropyl Alcohol | 67-63-0 | TWA | 200 ppm | ACGIH |
| | | STEL | 400 ppm | ACGIH |
| | | STEL | 500 ppm<br>1,225 mg/m3 | NIOSH REL |
| | | TWA | 400 ppm | NIOSH REL |

| | | | | |
|---|---|---|---|---|
| | | | 980 mg/m3 | |
| | | TWA | 400 ppm<br>980 mg/m3 | OSHA Z1 |
| triethanolamine | 102-71-6 | TWA | 5 mg/m3 | ACGIH |
| sodium metabisulphite | 7681-57-4 | TWA | 5 mg/m3 | ACGIH |
| | | TWA | 5 mg/m3 | NIOSH REL |

Engineering measures : Effective exhaust ventilation system Maintain air concentrations below occupational exposure standards.

**Personal protective equipment**

Eye protection : Wear eye protection and/or face protection.

Hand protection : Wear the following personal protective equipment:
Standard glove type.
Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Skin protection : No special protective equipment required.

Respiratory protection : No personal respiratory protective equipment normally required.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | | |
|---|---|---|
| Physical State | : | liquid |
| Color | : | clear, yellow |
| Odor | : | Perfumes, fragrances |
| pH | : | 7.0 - 8.5, (100 %) |
| Flash point | : | 43 °C, Does not sustain combustion. |
| Odor Threshold | : | No data available |
| Melting point/freezing point | : | No data available |
| Boiling point, initial boiling point and boiling range | : | > 100 °C |
| Evaporation rate | : | No data available |
| Flammability | : | Not applicable |
| Upper explosion limit | : | No data available |
| Lower explosion limit | : | No data available |
| Vapor pressure | : | No data available |
| Relative vapor density | : | No data available |
| Relative density | : | 0.99 - 1.19 |
| Density | : | No data available |
| Water solubility | : | soluble |
| Solubility in other solvents | : | No data available |

| | | |
|---|---|---|
| Partition coefficient: n-octanol/water (logarithmic value) | : | No data available |
| Autoignition temperature | : | No data available |
| Decomposition temperature | : | No data available |
| Viscosity, kinematic | : | 68.931 mm2/s (40 °C) |
| Explosive properties | : | No data available |
| Oxidizing properties | : | No data available |
| Molecular weight | : | No data available |
| VOC | : | No data available |
| Particle characteristics | : | No data available |

## SECTION 10. STABILITY AND REACTIVITY

| | | |
|---|---|---|
| Reactivity | : | No dangerous reaction known under conditions of normal use. |
| Chemical stability | : | Stable under normal conditions. |
| Possibility of hazardous reactions, including those associated with foreseeable emergencies | : | No dangerous reaction known under conditions of normal use. |
| Conditions to avoid | : | Heat, flames and sparks. |
| Incompatible materials | : | None known. |
| Hazardous decomposition products | : | In the event of fire, see Section 5 |

## SECTION 11. TOXICOLOGICAL INFORMATION

| | | |
|---|---|---|
| Information on likely routes of exposure | : | Inhalation, Eye contact, Skin contact |

**Potential Health Effects**

| | | |
|---|---|---|
| Eyes | : | Causes serious eye irritation. |
| Skin | : | Health injuries are not known or expected under normal use. |
| Ingestion | : | Health injuries are not known or expected under normal use. |
| Inhalation | : | Health injuries are not known or expected under normal use. |
| Chronic Exposure | : | Health injuries are not known or expected under normal use. |

**Experience with human exposure**

| | | |
|---|---|---|
| Eye contact | : | Redness, Pain, Irritation |
| Skin contact | : | No symptoms known or expected. |
| Ingestion | : | No symptoms known or expected. |

| | | |
|---|---|---|
| Inhalation | : | No symptoms known or expected. |

**Toxicity**

**Product**

| | | |
|---|---|---|
| Acute oral toxicity | : | Acute toxicity estimate : 4,060 mg/kg<br>Acute toxicity estimate : > 5,000 mg/kg |
| Acute inhalation toxicity | : | 4 h Acute toxicity estimate : > 20 mg/l<br>Test atmosphere: vapor |
| Acute dermal toxicity | : | Acute toxicity estimate : > 5,000 mg/kg |
| Skin corrosion/irritation | : | No data available |
| Serious eye damage/eye irritation | : | No data available |
| Respiratory or skin sensitization | : | No data available |
| Carcinogenicity | : | No data available |
| Reproductive effects | : | No data available |
| Germ cell mutagenicity | : | No data available |
| Teratogenicity | : | No data available |
| STOT-single exposure | : | No data available |
| STOT-repeated exposure | : | No data available |
| Aspiration toxicity | : | No data available |

## SECTION 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

| | | |
|---|---|---|
| Environmental Effects | : | Harmful to aquatic life. |

**Product**

| | | |
|---|---|---|
| Toxicity to fish | : | No data available |
| Toxicity to daphnia and other aquatic invertebrates | : | No data available |
| Toxicity to algae | : | No data available |

**Components**

| | | |
|---|---|---|
| Toxicity to fish | : | glycerin<br>96 h LC50 Fish: 855 mg/l<br><br>Dodecylbenzenesulphonic acid, compound with 2,2',2''-nitrilotriethanol (1:1)<br>96 h LC50: 2.5 mg/l<br><br>alcohols, c12-16, ethoxylated >5EO<br>LC50: 1.5 mg/l<br><br>Isopropanol<br>96 h LC50 Fish: 9,640 mg/l<br><br>triethanolamine |

96 h LC50 Fish: 11,800 mg/l

sodium metabisulphite
96 h LC50 Fish: 150 mg/l

**Components**

Toxicity to daphnia and other aquatic invertebrates : Isopropanol
24 h EC50 Daphnia magna (Water flea): 9,714 mg/l

triethanolamine
48 h EC50 Aquatic Invertebrate: 609.88 mg/l

**Components**

Toxicity to algae : triethanolamine
72 h EC50 Aquatic Plant: > 100 mg/l

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Other adverse effects**

No data available

## SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods : Do not contaminate ponds, waterways or ditches with chemical or used container. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.

Disposal considerations : Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers. Dispose of in accordance with local, state, and federal regulations.

RCRA - Resource Conservation and Recovery Authorization Act Hazardous waste : D001 (Ignitable)

## SECTION 14. TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

**Land transport (DOT)**
Not dangerous goods

**Sea transport (IMDG/IMO)**

Not dangerous goods

## SECTION 15. REGULATORY INFORMATION

**EPCRA - Emergency Planning and Community Right-to-Know**

**CERCLA Reportable Quantity**

| Components | CAS-No. | Component RQ (lbs) | Calculated product RQ (lbs) |
|---|---|---|---|
| Dodecylbenzenesulphonic acid, compound with 2,2',2''-nitrilotriethanol (1:1) | 27323-41-7 | 1000 | 8678 |

**SARA 304 Extremely Hazardous Substances Reportable Quantity**

This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312 Hazards** : Flammable (gases, aerosols, liquids, or solids)
Serious eye damage or eye irritation

**SARA 302** : This material does not contain any components with a section 302 EHS TPQ.

**SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**California Prop. 65**

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

**California Cleaning Product Right to Know Act of 2017 (SB 258)**

This regulation applies to this product.

| Hazardous ingredients | CAS-No. | Function | List(s) |
|---|---|---|---|
| water | 7732-18-5 | Solvent | Not Applicable |
| glycerin | 56-81-5 | Processing Aid | Not Applicable |
| Dodecylbenzenesulphonic acid, compound with 2,2',2''-nitrilotriethanol (1:1) | 27323-41-7 | Cleaning Agent | Not Applicable |
| Soap | 61790-64-5 | Cleaning Agent | Not Applicable |
| Soap | 61790-44-1 | Cleaning Agent | Not Applicable |
| Glycol ether | Withheld | Cleaning Agent | Not Applicable |
| alcohols, c12-16, ethoxylated >5EO | 68551-12-2 | Solvent | Not Applicable |
| Isopropanol | 67-63-0 | Solvent | 20 |
| Organic salt | Withheld | Buffer | Not Applicable |
| triethanolamine | 102-71-6 | Buffer | Not Applicable |
| sodium metabisulphite | 7681-57-4 | Buffer | Not Applicable |
| Inorganic base | Withheld | Buffer | Not Applicable |
| Fragrance Ingredient(s) | Not Available | Fragrance | Not Applicable |
| subtilisin | 9014-01-1 | Cleaning Agent | 8 |
| Inorganic Salt | Withheld | Processing Aid | Not Applicable |
| Citronellol | 106-22-9 | Fragrance | FRA |
| amylase, α- | 9000-90-2 | Cleaning Agent | 8 |
| Alpha-Isomethyl Ionone | 127-51-5 | Fragrance | FRA |

| | | | |
|---|---|---|---|
| Benzyl salicylate | 118-58-1 | Fragrance | FRA |

*refer to ecolab.com/sds for electronic links to designated lists

**The ingredients of this product are reported in the following inventories:**

**United States TSCA Inventory** :
All substances listed as active on the TSCA inventory

**Canadian Domestic Substances List (DSL)** :
This product contains one or several components listed in the Canadian NDSL.

**Australia. Australian Industrial Chemicals Introduction Scheme (AICIS)** :
On the inventory, or in compliance with the inventory

**New Zealand Inventory of Chemicals (NZIoC)** :
On the inventory, or in compliance with the inventory

**Japan. ENCS - Existing and New Chemical Substances Inventory** :
On the inventory, or in compliance with the inventory

**Korea. Korean Existing Chemicals Inventory (KECI)** :
On the inventory, or in compliance with the inventory

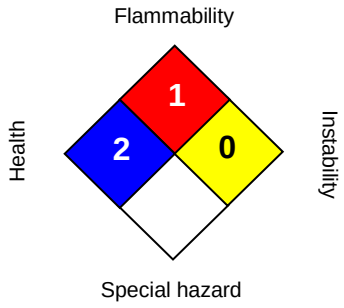
**Philippines Inventory of Chemicals and Chemical Substances (PICCS)** :
On the inventory, or in compliance with the inventory

**China. Inventory of Existing Chemical Substances in China (IECSC)** :
On the inventory, or in compliance with the inventory

**Taiwan Chemical Substance Inventory (TCSI)** :
not determined

## SECTION 16. OTHER INFORMATION

**NFPA:**




**HMIS® IV:**

| | |
|---|---|
| HEALTH | / 2 |
| FLAMMABILITY | 2 |
| PHYSICAL HAZARD | 0 |

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

| | | |
|---|---|---|
| Issuing date | : | 11/04/2025 |
| Version | : | 1.6 |
| Person who prepared the SDS | : | Regulatory Affairs |

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.