Dirty Labs
Bio Enzyme Laundry Booster – Free & Clear with Phytolase®

SAFETY DATA SHEET

1. SECTION 1: CHEMICAL/MIXTURE IDENTIFICATION

1.1 Product identifier
   
   **Product Name:** Dirty Labs Bio Enzyme Laundry Booster – Free & Clear with Phytolase®
   **CAS No.:**

1.2 Relevant identified uses of the substance or mixture and uses advised against
   
   **Identified use(s):** Powdered Laundry Detergent Booster
   **Uses advised against:** None known

1.3 Details of the supplier of the product
   
   **Company Identification:** Dirty Labs Inc.
   **Telephone:** (888) 783 4789

1.4 Emergency Telephone Number
   
   **1(800) 255 3924 (ChemTel) 24-7 Health Emergency**

1.5 Contact E-mail
   
   Help@dirtylabs.com

2. SECTION 2: HAZARDS IDENTIFICATION

   "Consumer Products", defined by the US Consumer Product Safety Act and are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided to assist in the safe handling and proper use of the product.

2.1 Classification of the substance or mixture
   
   **GHS 29 CFR 1910.1200:**
   **Acute toxicity, oral - Category 5**
   **Skin Corrosion/Irritation - Category 3**

2.2 Label elements
   
   **Hazard pictogram(s):** None
   **Signal word(s):** Warning
   **Hazard statement(s):** May be harmful if swallowed
   **Precautionary statement(s):**
   - 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 attention
   - IF SWALLOWED: Drink plenty of water. Call poison control if person feels unwell.
   - IF ON SKIN: Rinse with plenty of water
   - If skin irritation occurs, get medical attention

2.3 Other hazards
   
   None.

2.4 Additional Information
   
   None.
3. **SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

3.1 Mixtures

29 CFR 1910.1200

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>%W/W</th>
<th>CAS No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium carbonate</td>
<td>40-60</td>
<td>497-19-8</td>
</tr>
<tr>
<td>Sodium carbonate peroxide</td>
<td>30-40</td>
<td>15630-89-4</td>
</tr>
<tr>
<td>Sodium citrate</td>
<td>3-6</td>
<td>6132-04-3</td>
</tr>
<tr>
<td>Hydrous sodium silicate powder</td>
<td>3-6</td>
<td>1344-09-8</td>
</tr>
<tr>
<td>Deoxyribonuclease</td>
<td>3-6</td>
<td>9003-98-9</td>
</tr>
<tr>
<td>Tartaric acid</td>
<td>0.5-1.5</td>
<td>87-69-4</td>
</tr>
<tr>
<td>Carboxymethylcellulose</td>
<td>0.5-1.5</td>
<td>9004-32-4</td>
</tr>
</tbody>
</table>

3.2 Additional Information

4. **SECTION 4: FIRST AID MEASURES**

4.1 Description of first aid measures

**Inhalation**

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, seek medical advice.

**Skin Contact**

Wash with plenty of soap and water. If irritation develops, seek medical advice.

**Eye Contact**

Flush eyes with water for at least 15 minutes while holding eyelids open. If irritation develops, seek medical advice.

**Ingestion**

Give plenty of water to drink. Do NOT induce vomiting. Seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

None anticipated.

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary, treat symptomatically.

5. **SECTION 5: FIRE-FIGHTING MEASURES**

5.1 Extinguishing Media

**Suitable Extinguishing Media**

Water spray, foam, dry powder or CO2.

**Unsuitable Extinguishing Media**

None known.

5.2 Special hazards arising from the substance or mixture

None anticipated.

5.3 Advice for fire-fighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

6. **SECTION 6: ACCIDENTAL RELEASE MEASURES**

6.1 Personal precautions, protective equipment and emergency procedures

Caution - spillages may be slippery. Ensure adequate ventilation. Wear personal protective equipment.

6.2 Environmental precautions

Do not release large quantities into the surface water or into drains.

6.3 Methods and material for containment and cleaning up

**Household Handling**

Small spills and leaks may be cleaned up and disposed of in household trash or diluted and disposed of down drain.

**Industrial Handling**

Stop spill at source and contain material. Adsorb spillages onto sand, earth or any suitable adsorbent material. Dispose of liquid and adsorbent material in accordance with all applicable local, state, and federal regulations. Small amounts may be flushed to a sewer. See Also Section: 8, 13.

6.4 Reference to other sections

See Also Section: 8, 13.

7. **SECTION 7: HANDLING AND STORAGE**

General hygiene measures for the handling of chemicals are applicable.
7.1 Precautions for safe handling
Household Handling
Use as directed on product label. Wash hands and exposed skin after use.
Industrial Handling
Wear suitable personal protective equipment. Wash hands and exposed skin after use.

7.2 Conditions for safe storage, including any incompatibilities
Storage Temperature
Ambient.
Storage Life
Stable under normal conditions.
Incompatible materials
None know.

7.3 Specific end use(s)
Powdered laundry detergent booster.

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters
8.1.1 Occupational Exposure Limits
Not established.
8.1.2 Biological limit value
Not established.
8.1.3 PNECs and DNELs
Not established.

8.2 Exposure controls
8.2.1 Appropriate engineering controls
Provide adequate ventilation.

8.2.2 Personal protection equipment
Household Handling
No special precautions necessary as long as product is used as directed.
Industrial Handling
Eye/face protection
Wear protective eye glasses for protection against liquid splashes or solid spills.
Skin protection (Hand protection/ Other)
Wear suitable gloves if prolonged skin contact is likely. Wear impervious gloves (EN374).
Respiratory protection
Normally no personal respiratory protection is necessary under general ventilation. Wear respiratory protection in case of inadequate ventilation, when handling powder, dust or mist.
Thermal hazards
Not applicable.

8.2.3 Environmental Exposure Controls
Do not release large quantities into the surface water or into drains.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties
Appearance
Granular powder.
Color
White.
Odor
Unfragranced.
Odor Threshold
Not established.
\( pH \) (1% solution)
9-11
Solubility
Soluble in water.
Decomposition Temperature
No information available.

9.2 Other information
None.

10. SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity
Stable under normal conditions.
10.2 Chemical stability
Stable under normal conditions.
10.3 Possibility of hazardous reactions
No hazardous reactions known if used for its intended purpose.
10.4 Conditions to avoid
No conditions to avoid known.
10.5 Incompatible materials
Strong oxidizers or reducing agents, strong acids or strong bases.
10.6 Hazardous Decomposition Product(s)  
No hazardous decomposition products known.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS No.</th>
<th>Oral LD 50 (Rat)</th>
<th>Dermal LD 50</th>
<th>Inhalation LC 50 (Rat)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium carbonate</td>
<td>497-19-8</td>
<td>4090 mg/kg</td>
<td>2210 mg/kg</td>
<td>2300 mg/L</td>
</tr>
<tr>
<td>Sodium carbonate peroxide</td>
<td>15630-89-4</td>
<td>2400 mg/kg</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
</tbody>
</table>

Acute toxicity: May be harmful if swallowed.
Irritation: Causes mild skin irritation.
Corrosivity: None anticipated.
Sensitisation: None anticipated.

11.2 Other information
None.

12. SECTION 12: ECOLOGICAL INFORMATION

12.1 Aquatic toxicity

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS No.</th>
<th>Fish LC 50 (96h)</th>
<th>Daphnia EC 50 (48h)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium carbonate</td>
<td>497-19-8</td>
<td>300 mg/L (L. macrochius)</td>
<td>265 mg/L</td>
</tr>
<tr>
<td>Sodium carbonate peroxide</td>
<td>15630-89-4</td>
<td>70.7 mg/L (Pimephales promelas)</td>
<td>4.9 mg/L (Daphnia pulex)</td>
</tr>
</tbody>
</table>

12.2 Persistence and degradability: This product is biodegradable based on ingredients.
12.3 Bioaccumulative potential: No known significant effects or critical hazards based on ingredients.
12.4 Mobility in soil: No information available
12.5 Results of PBT and vPvB assessment: Not classified as PBT or vPvB.
12.6 Other adverse effects: None known.

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods: Use appropriate tools to put the spilled substance in a convenient waste disposal container. Finish cleaning by spreading soap and water on the contaminated surface.
13.2 Additional Information: Disposal should be in accordance with local, state or national legislation.

14. SECTION 14: TRANSPORT INFORMATION

Not regulated as dangerous goods or hazardous material for transport in accordance with US DOT Regulations.

14.1 UN number: Not regulated as a dangerous good.
14.2 UN Proper Shipping Name: Not regulated as a dangerous good.
14.3 Transport hazard class(es): Not regulated as a dangerous good.
14.4 Packing Group: Not regulated as a dangerous good.
14.5 Environmental hazards: None known.
14.6 Special precautions for user: None known.
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

15. SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Toxic Substance Control Act (TSCA): This product complies with the inventory requirements of the US Toxic Substance Control Act (TSCA)
California Prop 65

This product is not subject to the labelling requirements of California’s Proposition 65.

California Air Resources Board (CARB)
Component Information

Not applicable
Dirty Labs Inc. discloses all intentionally added ingredients (Section 3). Fragrances used in this product comply with applicable International Fragrance Association (IFRA) guidance.

15.2 GHS

Created in accordance with the CPSC’s implementation of the Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

16. SECTION 16: OTHER INFORMATION

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

This product is labeled in accordance with regulations administered by the Consumer Product Safety Commission (CPSC). The use pattern and exposure in the workplace are generally not consistent with those experienced by consumers. The requirements of the Occupational Safety and Health Administration applicable to this SDS differ from the labelling requirements of the CPSC and, as a result, this SDS may contain additional health hazard information not pertinent to consumer use and not found on the product label.

LEGEND

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>DNEL</td>
<td>Derived No Effect Level</td>
</tr>
<tr>
<td>PNEC</td>
<td>Predicted No Effect Concentration</td>
</tr>
<tr>
<td>PBT</td>
<td>Persistent, Bioaccumulative and Toxic</td>
</tr>
<tr>
<td>vPvB</td>
<td>very Persistent and very Bioaccumulative</td>
</tr>
</tbody>
</table>

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