

BLUELAND Laundry Detergent Tablets

SAFETY DATA SHEET

1. SECTION 1: CHEMICAL/MIXTURE IDENTIFICATION

1.1 Product identifier	
Product Name	BLUELAND Laundry Detergent Tablets
CAS No.	Mixture.
1.2 Relevant identified uses of the substance or mixture and uses advised against	
Identified use(s)	Laundry Detergent
Uses advised against	None known.
1.3 Details of the supplier of the product	
Company Identification	One Home Brands, Inc. 104 W 27 th St. Floor 7 New York, NY 10001 (716) 310-0916
Telephone	
E-Mail	help@blueland.com
1.4 Emergency telephone number	779.242.2525 [8am-5pm M-F Eastern US]
Emergency Phone No.	

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	Skin Corrosion/Irritation Category 2 Eye damage/Irritation Category 2A
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2.2 Label elements

Hazard pictogram(s)



Signal word(s)

Warning

Hazard statement(s)

Causes serious eye irritation
Causes skin irritation

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

Chemicals reported in accordance with CFR 1910.1200

Ingredient(s)	%W/W	CAS No.
Sodium carbonate	35-55	497-19-8
Citric acid	10-35	77-92-9
Emzymes (Protease, amylase, mannanase, lyase, cellulase)	0-15	9014-01-1, 900-90-2, 37288-54-3, 9015-75-2, 9012-54-8
Alcohols C12 -C14 Ethoxylated	5-15	144-55-8
Lauryl glucoside	2-10	110615-47-9
Sodium silicate	0-10	1344-09-8

The specific chemical identity and/or exact percentage of this composition has been withheld as a trade secret.

3.2 Additional Information

For additional information on product ingredients, see www.blueland.com

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, get medical attention. May cause allergic respiratory reaction.
Skin Contact	Wash with plenty of soap and water. If irritation develops, get medical attention.
Eye Contact	Flush eyes with water for at least 15 minutes while holding eyelids open. If irritation develops, get medical attention.
Ingestion	Give plenty of water to drink. Do not induce vomiting. Get medical attention immediately.

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 CO ₂ .
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 equipment.

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

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

Clean up spillages and dispose of properly.

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	<p>Wear suitable personal protective equipment. Wash hands and exposed skin after use. Do not eat, drink or smoke when using this product.</p> <p>Avoid formation of dust. Ingredients are formulated to prevent formation of dust. However, inappropriate handling may release dust.</p> <p>Ensure adequate ventilation</p> <p>Keep in a cool, well ventilated place.</p>
7.2 Conditions for safe storage, including any incompatibilities	<p>Ambient.</p> <p>Stable under normal conditions.</p> <p>None know</p>
7.3 Specific end use(s)	Detergent.




8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

SUBSTANCE	CAS No.	mg/m ³	Note
Citric acid	77-92-9	15	OSHA PEL
Sodium bicarbonate	144-55-8	15	OSAH PEL – (total dust)
Enzymes (Protease, amylase, mannanase, lyase, cellulase)	9014-01-1, 900-90-2, 37288-54-3, 9015-75-2, 9012-54-8	60ng/m ³ 15 ng/m ³	DMEL (workers) DMEL (professionals/consumers)

Source: WEL: Workplace Exposure Limit (UK HSE EH40)

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	
Eye/face protection	Wear protective eye glasses for protection.
	
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. In case of insufficient ventilation wear suitable respiratory equipment that meets HEPA/P100 specifications.
	
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	Tablet.
Color	White to off white
Odor	Unscented
Odor Threshold	Not established.
pH	8.0
Melting Point/Freezing Point	Not applicable.
Initial boiling point and boiling range	Not applicable
Flash point	Unknown
Evaporation rate	Not applicable
Flammability (solid, gas)	Not applicable
Upper/lower flammability or explosive limits	Unknown
Vapour pressure	Unknown
Vapour density	Not applicable.
Relative density	Unknown
Solubility	Very soluble in water.
Partition coefficient: n-octanol/water	Unknown
Auto-ignition temperature	Unknown
Decomposition Temperature	Unknown
Viscosity	Not applicable
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.

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	None anticipated.
10.5 Incompatible materials	None in particular.
10.6 Hazardous Decomposition Product(s)	No hazardous decomposition products known.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity	No information available
Irritation	Irritating to skin and eyes
Corrosivity	Not corrosive
Sensitisation	It is not a skin sensitizer. Repeated inhalation from improper handling may induce respiratory sensitization.
Repeated dose toxicity	None anticipated.
Carcinogenicity	No evidence of carcinogenicity.
Mutagenicity	No evidence of mutagenic potential.
Toxicity for reproduction	No evidence of reproductive toxicity.

11.2 Other information

None.

12. SECTION 12: ECOLOGICAL INFORMATION

12.1 Aquatic Toxicity	Unknown
12.2 Persistence and degradability	Unknown
12.3 Bioaccumulative potential	Unknown.
12.4 Mobility in soil	Unknown
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 classified as dangerous for transport.

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|------|--|-----------------|
| 14.1 | UN number | Not applicable. |
| 14.2 | UN Proper Shipping Name | Not applicable. |
| 14.3 | Transport hazard class(es) | Not applicable. |
| 14.4 | Packing Group | Not applicable. |
| 14.5 | Environmental hazards | Not applicable. |
| 14.6 | Special precautions for user | Not applicable. |
| 14.7 | Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |

15. SECTION 15: REGULATORY INFORMATION

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|------|---|---|
| 15.1 | Safety, health and environmental regulations/legislation specific for the substance or mixture | |
| 15.2 | GHS | Created in accordance with the OSHA's implementation of the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) |
| 15.3 | US EPA | TSCA: All ingredient are on the TSCA inventory. |

16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

LEGEND

LTEL	Long Term Exposure Limit
STEL	Short Term Exposure Limit
DNEL	Derived No Effect Level
PNEC	Predicted No Effect Concentration
PBT	Persistent, Bioaccumulative and Toxic
vPvB	very Persistent and very Bioaccumulative

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Annex to the extended Safety Data Sheet (eSDS)

No information available.