

SAFETY DATA SHEET

Date Prepared : 11/04/2013

SDS No : 2L.31

Date Revised : 06/01/2015

Revision No : 1

Hillyard Laundry Detergent

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Hillyard Laundry Detergent
GENERAL USE: Laundry Detergent
PRODUCT CODE: HIL00765
PRODUCT FORMULATION NAME: Proprietary

DISTRIBUTOR

Hillyard Industries
 PO Box 909
 St. Joseph, MO 64502-0909
Emergency Phone: 816-233-1321
Customer Service: 816-233-1321

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (US Transportation & Medical) : (800) 424-9300

2. HAZARDS IDENTIFICATION

GHS LABEL



Exclamation
mark

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H320: Causes eye irritation.
 H315: Causes skin irritation.

POTENTIAL HEALTH EFFECTS

EYES: Contact may cause eye irritation.
SKIN: May cause irritation.
INGESTION: May cause irritation of the throat, stomach and gastrointestinal tract.
INHALATION: Irritation of mucous membrane.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Carbonic Acid, Disodium Salt	45 - 50	497-19-8
Silicic Acid (h ₂ sio ₃), Disodium Salt	20 - 25	6834-92-0
Ammonium Mordenite Zeolite	5 - 10	1318-02-1
Sodium Dodecylbenzenesulfonate	7 - 9	68081-81-2
Borax	4 - 8	1303-96-4
Linear Primary Alcohol Ethoxylate	4 - 9	68439-46-3

4. FIRST AID MEASURES

EYES: Immediately flush eyes with large amounts of water for at least 15 minutes, if contact lenses are present remove after 5 minutes and continue flushing, lifting eyelids occasionally to facilitate irrigation. If irritation persists get medical attention.

SKIN: Flush skin with water until all chemical is removed. Remove contaminated clothing and wash before reuse. Get medical attention if needed.

INGESTION: Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

INHALATION: Move to fresh air. Call a physician or poison control center immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

5. FIRE FIGHTING MEASURES

FIRE FIGHTING PROCEDURES: Use any standard agent-choose the one most appropriate for type of surrounding fire.

6. ACCIDENTAL RELEASE MEASURES

COMMENTS: Sweep up, place in bag and properly dispose of material.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: KEEP OUT OF REACH OF CHILDREN

HANDLING: Wear protective clothing. Wash thoroughly after handling.

STORAGE: Do not store in food areas.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS			
		ACGIH TLV		Supplier OEL	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³
Carbonic Acid, Disodium Salt	TWA			NL	NL
	STEL			NL	NL
Borax	TWA		2		
	STEL		6		

ENGINEERING CONTROLS: Use local exhaust at filling zones where excessive dust is probable.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses.

9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR: Lemon

COLOR: White

PHYSICAL STATE COMMENTS: Solid/Powder

pH: 9.5 to 10.5

PERCENT VOLATILE: Not Available

FLASH POINT AND METHOD: Not Available

FLAMMABLE LIMITS: No information Available

AUTOIGNITION TEMPERATURE: Not Available

VAPOR PRESSURE: Not Available

VAPOR DENSITY: Not Available

BOILING POINT: Not Available

FREEZING POINT: Not Available
MELTING POINT: Not Available
POUR POINT: Not Available
THERMAL DECOMPOSITION: No information Available
SOLUBILITY IN WATER: Complete
EVAPORATION RATE: Not Available
DENSITY: Not Available
SPECIFIC GRAVITY: Not Available
VISCOSITY: Not Available
MOLECULAR WEIGHT: Not Available
(VOC): Not Available
OXIDIZING PROPERTIES: No information Available

10. STABILITY AND REACTIVITY

REACTIVITY: Yes
HAZARDOUS POLYMERIZATION: No
CONDITIONS TO AVOID: Keep Containers Closed
INCOMPATIBLE MATERIALS: Strong acids.

11. TOXICOLOGICAL INFORMATION

ACUTE

Chemical Name	ORAL LD ₅₀	DERMAL LD ₅₀
Linear Primary Alcohol Ethoxylate	1400 to 2700	> 4000

CARCINOGENICITY

Chemical Name	IARC Status
Ammonium Mordenite Zeolite	3

12. ECOLOGICAL INFORMATION

COMMENTS: THIS PRODUCT HAS NOT BEEN TESTED. The surfactants used in this product are biodegradable.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with federal, state, and local regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

SPECIAL SHIPPING NOTES: DOT CLASS: NOT REGULATED # NON-HAZARDOUS FOR AIR, SEA AND ROAD FREIGHT.

15. REGULATORY INFORMATION

UNITED STATES

TSCA (TOXIC SUBSTANCE CONTROL ACT)

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Sodium Dodecylbenzenesulfonate	68081-81-2
Borax	1303-96-4
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16. OTHER INFORMATION

Date Revised: 06/01/2015

REVISION SUMMARY: This SDS replaces the 11/04/2013 SDS. Revised: **Section 1:** 24 HR. EMERGENCY TELEPHONE NUMBERS. **Section 2:** . **Section 9:** AUTOIGNITION TEMPERATURE, BOILING POINT, DENSITY, EVAPORATION RATE, FLAMMABLE LIMITS, FLASH POINT AND METHOD, FREEZING POINT, MELTING POINT, MOLECULAR WEIGHT, OXIDIZING PROPERTIES, PERCENT VOLATILE, POUR POINT, SPECIFIC GRAVITY, VAPOR DENSITY, VAPOR PRESSURE, VISCOSITY, (VOC), THERMAL DECOMPOSITION.

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