

# 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 <sub>2</sub> sio <sub>3</sub> ), 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 <sup>3</sup>	ppm	mg/m <sup>3</sup>
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 <sub>50</sub>	DERMAL LD <sub>50</sub>
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)**

Chemical Name	CAS
Carbonic Acid, Disodium Salt	497-19-8
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Sodium Dodecylbenzenesulfonate	68081-81-2
Borax	1303-96-4
Linear Primary Alcohol Ethoxylate	68439-46-3

## 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.

**MANUFACTURER DISCLAIMER:** The information presented herein is believed to be accurate but is not warranted. Recipients are advised to confirm in advance that the information is current, applicable and suitable to their circumstances.