

# SAFETY DATA SHEET

Prepared According to 29 CFR 1910.1200)

## Built Detergent

A = Safety Glasses  
 B = A + Gloves  
 C = B + Apron  
 D = C + Face Shield  
 E = B + Dust Mask

F = C + Dust Mask  
 G = B + Respirator  
 H = F + Goggles  
 I = B + Respirator  
 X = Ask Supervisor

4 = Extreme  
 3 = High  
 2 = Moderate  
 1 = Slight  
 0 = Insignificant

**HMIS HAZARDOUS MATERIALS IDENTIFICATION SYSTEM**

Health.... 2  
 Flammability....0  
 Physical Hazard.... 2  
 Protection....B

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION****1.1 Product Code:** 2322PRL**Product Name:** Built Detergent**1.2 Relevant identified uses of the substance or mixture and uses advised against:****Relevant identified uses:** Laundry Detergent with Alkaline and sequestration builders**1.3 Company Name:**

Value Products, 2128 Industrial Drive, Stockton, CA 95206

**1.4 Emergency phone number:**

Chemtrec: (800) 424-9300

**SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of Substance or Mixture:****2.1.1 Skin Corrosion/Irritation,****2.1.2 Acute Toxicity – Oral****2.1.3 Eye irritation****2.2 Label Elements:****Category 1B****Category 4****Category 1****GHS Signal Word:** Danger**GHS Hazard Phrases**

H314: Causes severe skin burns and eye damage

H302: Harmful if swallowed

H318: Causes serious eye damage

**GHS Precaution Phrases:**

P261: Avoid breathing fume/gas/mist/vapors/spray

P280: Wear protective gloves/protective clothing/eye protection

P264: Wash hands thoroughly after handling

P270: Do not eat, drink or smoke when using this product

**GHS Response Phrases:**

P305+351+338+315: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Get Immediate medical attention

P303+361+353+363: If on skin (or hair): Take off immediately all contaminated clothing. Rinse Skin with water/shower. Wash contaminated clothing before reuse.

P301+330+331+313: IF SWALLOWED: Rinse mouth, Do not induce vomiting. Get Medical attention

P304+340+312: IF INHALED: Remove person to fresh air and keep in a position comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell

**GHS Storage and Disposal Phrases:**

Store away from incompatible materials. Dispose of in accordance with local/state or national regulations

**Hazards not otherwise classified (HNOC):** None Known**SECTION 3: Composition/Information on Ingredients**

CAS#	Hazardous Components	Concentration	EC No./ EC Index No.	Risk Phrases/ GHS Classification
7732-18-5	Water	80 – 90%		
1310-58-3	Potassium Hydroxide	15 – 25%	215-181-3	Skin & Eye Corrosive/Cat 1A
68411-57-4	Disodium cocoamphodipropionate	5 – 10%	270-131-8	Skin irritant/Cat 4
7320-34-5	Tetrapotassium pyrophosphate	5 – 10%	230-785-7	Eye Irrit./Cat 2A
1643-27-2	Laurylamine Oxide	5 – 10%	216-700-6	Skin corr. Irri/Cat 2

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SECTION 3 NOTES: N/A

### SECTION 4: FIRST AID MEASURES

**First aid measures for different exposure routes**

**General advice** Show this safety data sheet to the doctor in attendance.

**Eye contact** Flush with flowing water for 15 minutes & see physician.

**Skin contact** Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, see a physician. Remove and wash contaminated clothing before re-use.

**Inhalation** Move to fresh air. If symptoms persist, call a physician.

**Ingestion** **Do not** Induce vomiting. If conscious and alert, give two glasses of water. Seek medical attention immediately.

**Most important symptoms/effects, acute and delayed**

**Main Symptoms** The most important known symptoms and effects are described in the labeling in section 2 and/or in section 11.

SECTION 4 NOTES: N/A

### SECTION 5: FIRE-FIGHTING MEASURES

**5.1 FLAMMABLE LIMITS IN AIR, UPPER: No Data**  
(% BY VOLUME) **LOWER: No Data**

**5.2 FLASH POINT:**  
**F: >200**  
**C:**  
**METHOD USED: Koehler CC**

**AUTOIGNITION TEMPERATURE: No Data**  
**F:**  
**C:**

**NFPA HAZARD CLASSIFICATION**

**HEALTH: 2** **FLAMMABILITY: 0** **REACTIVITY: 2**  
**OTHER: Irritant**

**HMIS HAZARD CLASSIFICATION**

**HEALTH: 2** **FLAMMABILITY: 0** **PHYSICAL HAZARD: 2**  
**PROTECTION: B**

**EXTINGUISHING MEDIA:** Water spray or fog, foam, dry chemical, carbon dioxide, if product is involved

**SPECIAL FIRE FIGHTING PROCEDURES:** Avoid exposure to fumes or vapors. Wear self-contained positive pressurized breathing apparatus MSHA/NIOSH approved or equivalent to maintain TLV.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Use water spray to cool adjacent fire exposed containers. Fume from Product can burn when temperature exceeds boiling point.

**HAZARDOUS DECOMPOSITION PRODUCTS:** If burned, normal combustion products: Carbon dioxide, Carbon monoxide; Nitrous oxides

SECTION 5 NOTES: N/A

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**6.1 Protective Precautions:** Avoid breathing vapors and provide adequate ventilation

**Protective Equipment and Emergency Procedures:** As conditions warrant, wear a NIOSH approved self-contained breathing apparatus, or respirator, and appropriate personal protection (rubber boots, safety goggles, and heavy rubber gloves)

**6.2 Environmental Precautions:** Take steps to avoid release into the environment, if safe to do so

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**6.3 Methods and Material for Containment and Cleaning up:** Contain spill and collect, as appropriate. Transfer to a chemical waste container for disposal in accordance with local regulations. Floors may be slippery. Use care to avoid falls.

SECTION 6 NOTES: N/A

### SECTION 7: HANDLING AND STORAGE

**7.1 Precautions to be taken in Handling:** Follow protective controls set forth in Section 8 below. Store unused product in closed properly, labeled containers. Do not remove or deface labels or tags. If diluting, add product slowly to water.

**7.2 Precautions to be taken in Storing:** Keep container tightly closed.

**OTHER PRECAUTIONS:** Do not get in eyes, on skin, or on clothing. Remove and wash contaminated clothing before reuse.

SECTION 7 NOTES: N/A

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Exposure parameters:

CAS#	Chemical Name	US OSHA	NIOSH IDLH	France
1310-58-3	Potassium Hydroxide	No Data	No Data	
7320-34-5	Tetrapotassium pyrophosphate	NA	NA	
68411-57-4	Disodium cocoamphodipropionate	NA	NA	
7732-18-5	Water	No data	No data	No data

#### 8.2 Exposure Controls:

##### 8.2.1 Engineering Controls;

##### 8.2.2 Personal Protection equipment:

**Eye Protection:** Safety Glasses or goggles with splash proof protection when handling or transferring this chemical product.

**Respiratory Protection:** Not normally required.

**Ventilation:** Local exhaust – Not normally required. Mechanical – As required to maintain concentrations in air below 2mg/m<sup>3</sup> at all times

**Protective Gloves:** Neoprene, PVC or rubber gloves

**Other Protective Equipment:**

**Work/Hygienic Practices:** Showers and eye wash facilities should be accessible

SECTION 8 NOTES: N/A

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1 Information on basic physical and chemical properties:

**APPEARANCE:** Clear Blue liquid

**ODOR:** Slight detergent odor

**PHYSICAL STATE:** Liquid X      Solid      Gas

**pH AS SUPPLIED (1% solution):** 12.4

**pH (Other):** Use Dilution –

**BOILING POINT:**

F: >200°

C:

**MELTING POINT:** N/A

F:

C:

**FREEZING POINT:** N/A

F:

C:

**VAPOR PRESSURE (mm Hg):** N/A

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F:  
C:  
VAPOR DENSITY (AIR = 1): N/A  
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F:  
C:  
SPECIFIC GRAVITY (H<sub>2</sub>O = 1): 1.25  
@

F: 70  
C:  
EVAPORATION RATE vs H<sub>2</sub>O: >1.0

BASIS (=1):

SOLUBILITY IN WATER: Complete

PERCENT SOLIDS BY WEIGHT: 3 PERCENT VOLATILE: n/a  
BY WT/ BY VOL @  
F:  
C:

VOLATILE ORGANIC COMPOUNDS (VOC): n/a

WITH WATER: 10.37 LBS/GAL

MOLECULAR WEIGHT: n/a  
VISCOSITY: 250 cps  
@

F: 68  
C:

SECTION 9 NOTES: N/A

### SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: No Data available  
10.2 Stability

STABLE

UNSTABLE

STABILITY: Very

10.3 CONDITIONS TO AVOID (STABILITY NOTES):  
INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizing agents  
HAZARDOUS POLYMERIZATION: Will not occur

10.4 CONDITIONS TO AVOID (POLYMERIZATION): NA  
10.5 Incompatibility - Materials to Avoid: Acids, Oxidizers

10.6 HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: If product involved in fire it can generate flammable alcohol fumes

SECTION 10 NOTES: N/A

### SECTION 11: TOXICOLOGICAL INFORMATION

11.1 TOXICOLOGICAL INFORMATION: The toxicological effects of this product have not been thoroughly studied.

Toxicological Effects: N/A  
Carcinogenicity: NTP: No IARC Monographs: No OSHA Regulated: No

SECTION 11 NOTES: Potassium pyrophosphate: Oral (LD50): Acute: 2980mg/kg Rat, Dermal (LD50):Acute: 7940mg/kg Rabbit.  
Potassium Hydroxide: Toxicity Data: Oral (LD50):273mg/kg Rat, Irritation Data: Eyes (rabbit): 1mg (24hr) moderate, Skin (human): 50mg (24h) severe,  
Skin 50mg (24h) severe.

### SECTION 12: ECOLOGICAL INFORMATION

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**Ecotoxicity:** Not available.

**BOD5 and COD:** Not available.

**Products of Biodegradation:** Not applicable

**Toxicity of the Products of Biodegradation:** Not available.

**Special Remarks on the Products of Biodegradation:** Avoid release into the environment. Runoff from fire control or dilution water may cause short term pollution.

**SECTION 12 NOTES:** N/A

### SECTION 13: DISPOSAL CONSIDERATIONS

**13.1 WASTE DISPOSAL METHOD:** Dispose of in accordance with applicable Federal, State & Local regulations.

### SECTION 14: TRANSPORT INFORMATION

#### 14.1 U.S. DEPARTMENT OF TRANSPORTATION

**PROPER SHIPPING NAME:** Potassium Hydroxide solution

**HAZARD CLASS:** 8 (Corrosive)

**ID NUMBER:** UN 1814

**PACKING GROUP:** II

**LABEL STATEMENT:** Corrosive

**SECTION 14 NOTES:** Transport in accordance with local, state, and federal regulations

### SECTION 15: REGULATORY INFORMATION

#### U.S. FEDERAL REGULATIONS

**TSCA (TOXIC SUBSTANCE CONTROL ACT):** Potassium pyrophosphate, Potassium Hydroxide (inventory)

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):**

**SARA TITLE III (EPCRA) NOTIFICATION:** [Reportable under section 313 and section 6607 of the Pollution Prevention Act]  
**COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT (CERCLA) NOTIFICATION**  
For more information, consult 40 CFR parts 302, 311, 312, and 313.

**304 RQ:** Yes, 1000lb

**311/312 HAZARD CATEGORIES:** N/A

**313 REPORTABLE INGREDIENTS:** No

**STATE REGULATIONS:**

**California State Right to Know (SB258):**

Chemical Name	CAS-No.	Function	List (s)
Water	7732-18-5	Solvent	N/A
Potassium hydroxide	1310-58-3	Builder	N/A
Tetra potassium pyrophosphate	7320-34-5	Water Conditioning	N/A
Disodium cocoamphodipropionate	68411-57-4	Wetting Agent	N/A
Lauramine oxide	61788-90-7/1643-20-5	Wetting Agent	N/A
2-propenoic acid, homopolymer, sodium salt	9003_04_7	Polymer	N/A
Dye	N/A	Dye	N/A

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California Prop 65:	No ingredient regulated
New Jersey RTK Label Information	Potassium Hydroxide, Potassium pyrophosphate
Pennsylvania RTK Label Information	Potassium Hydroxide, Potassium pyrophosphate
<b>Notification status</b>	
Australia. Industrial Chemical (Notification and Assessment) Act	Potassium Hydroxide, Potassium pyrophosphate
Canada. Canadian Environmental Protection Act (CEPA).	Potassium Hydroxide, Potassium pyrophosphate
Domestic Substances List (DSL). (Can. Gaz. Part II, Vol. 133)	Potassium Hydroxide, Potassium pyrophosphate
China. Inventory of Existing Chemical Substances	Potassium Hydroxide
Japan. Kashin-Hou Law List	N/A
US. Toxic Substances Control Act	Potassium Hydroxide, Potassium pyrophosphate
EU. EINECS	Potassium Hydroxide, Potassium pyrophosphate
Korea. Toxic Chemical Control Law (TCCL) List	N/A
Philippines. The Toxic Substances and Hazardous and Nuclear Waste Control Act	Potassium Hydroxide
Japan. Industrial Safety & Health Law (ISHL) List	Potassium Hydroxide
New Zealand. Inventory of Chemicals (NZIoC), as published by ERMA New Zealand	N/A
Switzerland. Consolidated Inventory	N/A

**Reportable quantity - Product: N/A**

**INTERNATIONAL REGULATIONS: N/A**

**SECTION 15 NOTES: N/A**

**California Prop 65: N/A**

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### SECTION 16: OTHER INFORMATION

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#### OTHER INFORMATION:

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.