



**CALIFORNIA  
STEAM**

**SDS**

SAFETY DATA SHEET

Date prepared: August 11, 2016

Revision:  
Supersedes:

### 1. Product and Company Identification

Company  
California Steam  
9084 Elkmont Way  
Elk Grove, CA 95624

24 Hour Emergency Response Information  
CHEMTREC: (800) 424-9300

*PRODUCT NAME:* HD PRO  
*CHEMICAL NAME:* ALKALI DETERGENT BLEND  
*MANUFACTURED BY:* VALUE PRODUCTS INC. STOCKTON, CA

*PRODUCT CODE:* 4202

### 2. Hazards Identification

*Emergency overview: DANGER, CORROSIVE.* Can cause severe burns to skin, eyes and mucous membranes.

#### ***SIGNS AND SYMPTOMS OF EXPOSURE (SKIN, EYE CONTACT; INHALATION; INGESTION)***

*EYE CONTACT* : Causes severe irritation and possible tissue burns, permanent eyes damage, or blindness.

*INHALATION* : This product does not readily form a vapor and inhalation is unlikely. If mists or sprays of this solution are inhaled, this product may cause pulmonary irritation, irritation of the mucus membranes, coughing and a sore throat.

*INGESTION* : Causes severe burns. Ingestion causes severe swelling, severe damage to the delicate tissue and danger of perforation.

*SKIN CONTACT* : Can cause severe burns with deep ulceration and permanent scarring . It can penetrate to deeper layers of skin and corrosion will continue until removed. The severity of injury depends on the duration of exposure.

### 3. Composition/ Information on Ingredients

MATERIAL (BASED ON 100% FORMULA LEVEL)	CAS#	% BY WEIGHT
SODIUM HYDROXIDE	1310-73-2	< 5 %
SODIUM METASILICATE ANHYDROUS	6834-92-0	< 5 %

### 4. First Aid Measures

*EYES:* Immediately flush eyes with a direct stream of water for at least 15 minutes. Hold eyelids apart to ensure complete irrigation of all eye and lid tissues. Get medical attention.

*INGESTION:* If swallowed, DO NOT induce vomiting. If victim is fully conscious, give large quantities of water to drink. Never give anything by mouth to an unconscious person. Get medical attention immediately.

*SKIN CONTACT:* Immediately flush skin with plenty of clean running water. Get medical attention if irritation persists.

*INHALATION:* Remove to fresh air. If breathing is difficult, oxygen should be administered by qualified personnel.

## 5. Fire Fighting Measures

*FIRE FIGHTING METHOD:* DO NOT direct a solid stream of water or foam into hot burning pools of liquid, since this may cause frothing and increase fire intensity.

*EXTINGUISHING MEDIA:* Water spray, foam, carbon dioxide.

*UNUSUAL FIRE OR EXPLOSIVE HAZARD:* None known.

## 6. Accidental Release Measures

*PERSONAL PRECAUTIONS:* Isolate area. Keep unnecessary personnel away.

*ENVIRONMENTAL PRECAUTIONS:* Keep out of sewers, storm drains, and waterways.

*CLEAN-UP PROCEDURES:* Contain spill with inert material such as sawdust, then transfer to sealable containers for disposal. Flush contaminated areas with water.

*RECOMMENDED WASTE DISPOSAL METHOD:* Dispose of in accordance with all applicable federal, state and local regulations.

## 7. Handling and Storage

*HYGIENIC PRACTICES IN HANDLING AND STORING:* Wash thoroughly after handling. Avoid body contact.

*PRECAUTION TO BE TAKEN IN HANDLING AND STORING:* Store in original container at cool, dry, well ventilated areas. Avoid any contamination to food lines. Away from strong bases.

*DISPOSAL OF EMPTY CONTAINER:* Empty containers should be triple rinsed with water and disposed of pursuant to Local, State, and Federal requirements.

## 8. Exposure Controls / Personal Protection

*RESPIRATORY PROTECTION :* Not normally required. NIOSH approved dust mask or respirator if airborne exposure is excessive.

*EYE PROTECTION :* Safety Goggles.

*PROTECTIVE CLOTHING :* Rubber gloves, boots and full length clothing.

*VENTILATION :* Local exhaust

*OTHER PROTECTIVE MEASURES:* Eyewash fountain and safety shower should be nearby and ready for use.

## 9. Physical and Chemical Properties

*BOILING POINT:* >200 °F

*FREEZING/MELTING POINT:* Unknown

*VAPOR PRESSURE: (AIR=1):* >1

*EVAPORATION RATE (WATER =1):* >1

*PH CONCENTRATE:* 12.7 +/- 0.2

*SPECIFIC GRAVITY:* 1.073 +/-0.2

*DESCRIPTION:* Clear dark red solution. Odorless

*VOLATILE:* Unknown

*FLASH POINT:* Unknown *METHOD USED:* Unknown

*VAPOR DENSITY:* Unknown

*SOLUBILITY IN WATER:* Complete

*VISCOSITY:* Water thin

## 10. Stability and Reactivity

*STABILITY:* Stable

*INCOMPATIBILITY (MATERIALS TO AVOID):* None known

*HAZARDOUS POLYMERIZATION:* Will not occur

*CONDITIONS TO AVOID:* None currently known.

*HAZARDOUS DECOMPOSITION:* None known.

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## 11. Toxicological Information

Routes of entry: Absorbed through skin. Inhalation. Ingestion.

Carcinogen: There is no evidence this product poses a carcinogenic risk under normal conditions of handling or use.

Acute eye Irritation: Unknown

Acute Skin Irritation: Unknown

Acute Dermal Toxicity: Unknown

Acute Respiratory Irritation: Unknown

Acute Inhalation Toxicity: Unknown

Acute Oral Toxicity: Unknown

Chronic Toxicity: Unknown

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## 12. Ecological Information

Eco-toxicological Information: Unknown

Chemical Fate Information: Unknown

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## 13. Disposal Considerations

### **Recommended Waste disposal method:**

Dispose of in accordance with all applicable Federal, State and Local regulations.

### **Container disposal:**

Empty containers should be tripled rinsed with water and disposed of pursuant to Local, State, and Federal requirements.

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## 14. Transport Information

*ID NUMBER:* UN 1824

*PROPER SHIPPING NAME:* Sodium Hydroxide Solution

*HAZARD CLASS:* 8

*PACKING GROUP:* II

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## 15. Regulatory Information

**Federal Regulations:** None Known

**State Regulations:** **California Proposition 65** – This product does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

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## 16. Other Information

*THE INFORMATION CONTAINED HEREIN, TO THE BEST OF OUR KNOWLEDGE AND BELIEF, IS ACCURATE. HOWEVER, SINCE THE CONDITIONS OF HANDLING AND USE ARE BEYOND OUR CONTROL, WE MAKE NO GUARANTEE OF RESULTS, AND*

*ASSUME NO LIABILITY FOR DAMAGES INCURRED BY USE OF THIS MATERIAL. IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.*