



# Safety Data Sheet

Issue Date 01-Jan-2011

Revision Date: 26-Sep-2013

Version 1

## 1. IDENTIFICATION

### Product Identifier

Product Name CAL 941

### Other means of identification

SDS # CPCI-004

### Recommended use of the chemical and restrictions on use

Recommended Use For industrial use.

### Details of the supplier of the safety data sheet

#### Supplier Address

Cal Pac Chemicals, Inc  
6231 Maywood Ave  
Huntington Park, CA 90255

### Emergency Telephone Number

Company Phone Number 323-585-2178

Emergency Telephone (24 hr) Chemtrec 1-800-424-9300 (North America) 1-703-527-3887 (International)

## 2. HAZARDS IDENTIFICATION

Appearance Brown Powder

Physical State Solid Powder

Odor Soapy

### Classification

Skin corrosion/irritation	Category 1 Sub-category B
Serious eye damage/eye irritation	Category 1
Reproductive toxicity	Category 2

### Hazards Not Otherwise Classified (HNOC)

May be harmful in contact with skin

### Signal Word

Danger

### Hazard Statements

Causes severe skin burns and eye damage  
Suspected of damaging fertility or the unborn child



#### **Precautionary Statements - Prevention**

Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood  
 Use personal protective equipment as required  
 Do not breathe dust/fume/gas/mist/vapors/spray  
 Wash face, hands and any exposed skin thoroughly after handling

#### **Precautionary Statements - Response**

Immediately call a POISON CENTER or doctor/physician  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 Immediately call a POISON CENTER or doctor/physician  
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
 Wash contaminated clothing before reuse  
 Get immediate medical advice/attention  
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
 Immediately call a POISON CENTER or doctor/physician  
 IF SWALLOWED: rinse mouth. Do NOT induce vomiting  
 Immediately call a POISON CENTER or doctor/physician

#### **Precautionary Statements - Storage**

Store locked up

#### **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

#### **Other Hazards**

Harmful to aquatic life with long lasting effects  
 Harmful to aquatic life

#### **Unknown Acute Toxicity**

9% of the mixture consists of ingredient(s) of unknown toxicity

### **3. COMPOSITION/INFORMATION ON INGREDIENTS**

<b>Chemical</b>	<b>CAS No</b>	<b>Weight-%</b>
Sodium hydroxide	1310-73-2	50-70
Sodium carbonate	497-19-8	10-30
Sodium Dodecylbenzene Sulfonate	25155-30-0	1-5
Sodium Gluconate	527-07-1	3-10
Diethylene glycol monomethyl ether	111-77-3	3-8
$\alpha$ -[(1,1,3,3-Tetramethylbutyl)phenyl]- $\omega$ -hydroxy-poly	9036-19-5	1-5

### **4. FIRST-AID MEASURES**

#### **First Aid Measures**

##### **Eye Contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention.

<b>Skin Contact</b>	Immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get prompt medical attention.
<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. Stay with victim until arrival of emergency medical personnel.
<b>Ingestion</b>	IF SWALLOWED: call a poison control center or physician immediately. Do not induce vomiting. Rinse mouth.

**Most important symptoms and effects**

<b>Symptoms</b>	Causes severe skin burns and eye damage. Prolonged contact may cause irreversible damage to eye. Mist or vapor inhalation can cause irritation to the nose, throat, and upper respiratory tract. Coughing. Impaired breathing. May cause chemical pneumonitis if sprayed or misted.
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**Indication of any immediate medical attention and special treatment needed**

<b>Notes to Physician</b>	Treat symptomatically.
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**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

None known.

**Hazardous Combustion Products** Phosphorus oxides. Hydrogen.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

<b>Personal Precautions</b>	Use personal protective equipment as required.
<b>Environmental Precautions</b>	Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13, Disposal Considerations, for additional information. See Section 12 for additional Ecological Information.

**Methods and material for containment and cleaning up**

<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for Clean-Up</b>	Carefully sweep, scoop or vacuum and place in suitable container. Avoid generating dust. If possible, complete cleanup on a dry basis.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

#### **Advice on Safe Handling**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. CAUTION - material is corrosive. Do not breathe dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Wash face, hands and any exposed skin thoroughly after handling. Note: If diluting, always add this product slowly to water with constant stirring.

### Conditions for safe storage, including any incompatibilities

#### **Storage Conditions**

Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked up.

#### **Incompatible Materials**

Acids.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Sodium hydroxide 1310-73-2	Ceiling: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup> (vacated) Ceiling: 2 mg/m <sup>3</sup>	IDLH: 10 mg/m <sup>3</sup> Ceiling: 2 mg/m <sup>3</sup>

### Appropriate engineering controls

#### **Engineering Controls**

Apply technical measures to comply with the occupational exposure limits. If the recommended exposure limit is exceeded increased mechanical ventilation such as local exhaust may be required. Eyewash stations. Showers.

### Individual protection measures, such as personal protective equipment

#### **Eye/Face Protection**

Chemical anti-splash safety goggles.

#### **Skin and Body Protection**

Chemical resistant, impermeable gloves. Use chemical resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing, which could result in prolonged or repeated skin contact.

#### **Respiratory Protection**

Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation wear respiratory protection.

#### **General Hygiene Considerations**

Wash contaminated clothing before reuse. Wash face, hands and any exposed skin thoroughly after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

**Physical State**  
**Appearance**  
**Color**

Solid Powder  
Brown Powder  
Brown

**Odor**  
**Odor Threshold**

Soapy  
Not determined

**Property**  
**pH**

**Values**  
13.5 (4% solution)

**Melting Point/Freezing Point**  
**Boiling Point/Boiling Range**  
**Flash Point**

Not applicable  
Not applicable  
None

**Remarks • Method**

<b>Evaporation Rate</b>	Not applicable	
<b>Flammability (Solid, Gas)</b>	Not determined	
<b>Upper Flammability Limits</b>	Not applicable	
<b>Lower Flammability Limit</b>	Not applicable	
<b>Vapor Pressure</b>	Not applicable	
<b>Vapor Density</b>	Not applicable	
<b>Specific Gravity</b>	1.15	(1=Water)
<b>Water Solubility</b>	Appreciable	
<b>Solubility in other solvents</b>	Not determined	
<b>Partition Coefficient</b>	Not determined	
<b>Autoignition Temperature</b>	Not applicable	
<b>Decomposition Temperature</b>	Not determined	
<b>Kinematic Viscosity</b>	Not determined	
<b>Dynamic Viscosity</b>	Not determined	
<b>Explosive Properties</b>	Not determined	
<b>Oxidizing Properties</b>	Not determined	

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

#### **Hazardous Polymerization**

Hazardous polymerization does not occur.

### Conditions to Avoid

Contact with metals such as aluminum, tin, lead, and zinc may produce hydrogen gas.

### Incompatible Materials

Acids.

### Hazardous Decomposition Products

Phosphorous oxides. Hydrogen.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### **Product Information**

#### **Eye Contact**

Causes severe eye damage.

#### **Skin Contact**

Causes severe skin burns. May be harmful in contact with skin.

#### **Inhalation**

Avoid inhalation of dust.

#### **Ingestion**

Do not taste or swallow.

### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium hydroxide 1310-73-2	-	= 1350 mg/kg ( Rabbit )	-

Sodium carbonate 497-19-8	= 4090 mg/kg ( Rat )	-	-
Diethylene glycol monomethyl ether 111-77-3	= 4 mL/kg ( Rat )	= 2500 µL/kg ( Rabbit )	-
α-[(1,1,3,3-Tetramethylbutyl)phenyl]- ω-hydroxy-poly(oxy-1,2-ethanediyl) 9036-19-5	= 4190 mg/kg ( Rat )	-	-

### Information on physical, chemical and toxicological effects

**Symptoms** Please see section 4 of this SDS for symptoms.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Carcinogenicity** This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Reproductive toxicity** Suspected of damaging fertility or the unborn child.

### Numerical measures of toxicity

Not determined

**Unknown Acute Toxicity** 9% of the mixture consists of ingredient(s) of unknown toxicity.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Harmful to aquatic life with long lasting effects.

### Component Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Sodium hydroxide 1310-73-2		45.4: 96 h Oncorhynchus mykiss mg/L LC50 static		
Sodium carbonate 497-19-8	242: 120 h Nitzschia mg/L EC50	300: 96 h Lepomis macrochirus mg/L LC50 static 310 - 1220: 96 h Pimephales promelas mg/L LC50 static		265: 48 h Daphnia magna mg/L EC50
Diethylene glycol monomethyl ether 111-77-3	500: 72 h Desmodemus subspicatus mg/L EC50	7500: 96 h Lepomis macrochirus mg/L LC50 static 7500: 96 h Lepomis macrochirus mg/L LC50 5741: 96 h Pimephales promelas mg/L LC50	EC50 > 10000 mg/L 17 h	500: 48 h Daphnia magna mg/L EC50

### Persistence/Degradability

Not determined

### Bioaccumulation

Not determined

### Mobility

Chemical Name	Partition Coefficient
Diethylene glycol monomethyl ether 111-77-3	-0.682

### Other Adverse Effects

Not determined

### 13. DISPOSAL CONSIDERATIONS

#### Waste Treatment Methods

<b>Disposal of Wastes</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Contaminated Packaging</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.

#### California Hazardous Waste Status

Chemical Name	California Hazardous Waste Status
Sodium hydroxide 1310-73-2	Toxic Corrosive
Sodium carbonate 497-19-8	Corrosive

### 14. TRANSPORT INFORMATION

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

#### DOT

<b>UN/ID No</b>	UN1759
<b>Proper Shipping Name</b>	Corrosive solid, n.o.s. (Sodium hydroxide)
<b>Hazard Class</b>	8
<b>Packing Group</b>	II

#### IATA

<b>UN/ID No</b>	UN1759
<b>Proper Shipping Name</b>	Corrosive solid, n.o.s. (Sodium hydroxide)
<b>Hazard Class</b>	8
<b>Packing Group</b>	II

#### IMDG

<b>UN/ID No</b>	UN1759
<b>Proper Shipping Name</b>	Corrosive solid, n.o.s. (Sodium hydroxide)
<b>Hazard Class</b>	8
<b>Packing Group</b>	II
<b>Marine Pollutant</b>	This material may meet the definition of a marine pollutant

### 15. REGULATORY INFORMATION

#### International Inventories

Not determined

#### US Federal Regulations

#### CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Sodium hydroxide 1310-73-2	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Diethylene glycol monomethyl ether - 111-77-3	111-77-3	3-8	1.0

**CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Component	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sodium hydroxide 1310-73-2 ( 50-70 )	1000 lb			X

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Sodium hydroxide 1310-73-2	X	X	X
Diethylene glycol monomethyl ether 111-77-3	X	X	X

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	2	0-	1	COR
<b><u>HMIS</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical Hazards</b>	<b>Personal Protection</b>
	Not determined	Not determined	Not determined	Not determined

**Issue Date** 01-Jan-2011  
**Revision Date:** 26-Sep-2013  
**Revision Note** New format

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**