# Soda lime: sc-203268



# MATERIAL SAFETY DATA SHEET

### **1. PRODUCT AND COMPANY IDENTIFICATION**

Product Name: Soda lime Product Number: sc-203268

Supplier:	Santa Cruz Biotechnology, Inc.
	2145 Delaware Avenue
	Santa Cruz, CA 95060
	800.457.3801 or 831.457.3800
Emergency:	ChemWatch
	Within the US & Canada: 877–715–9305
	Outside the US & Canada: +800 2436 2255 (1-800-CHEMCALL) or call +613 9573 3112

# 2. HAZARDS IDENTIFICATION

Emergency Overview OSHA Hazards Corrosive GHS Label elements, including precautionary statements Pictogram



Signal word Danger

Hazard statement(s)

H314 Causes severe skin burns and eye damage.

### Precautionary statement(s)

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/ physician.

### **HMIS Classification**

Health hazard:3Flammability:0

Physical hazards: 0

**NFPA Rating** 

Health hazard:

**Fire:** 0

Reactivity Hazard: 0

### **Potential Health Effects**

- **Inhalation** May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.
- Skin May be harmful if absorbed through skin. Causes skin burns.
- Eyes Causes eye burns.

**Ingestion** May be harmful if swallowed. Causes burns.

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# 3. COMPOSITION/INFORMATION ON INGREDIENTS

Formula:CaHNaO2Molecular Weight:96.07

CAS-No.

**Soda lime** 8006–28–8

### 4. FIRST AID MEASURES

### General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.Move out of dangerous area. **If inhaled** 

If breathed in, move person into fresh air. If not breathing give artificial respiration Consult a physician. In case of skin contact

Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.

### In case of eye contact

Continue rinsing eyes during transport to hospital. Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

### If swallowed

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

# **5. FIRE-FIGHTING MEASURES**

### Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. **Special protective equipment for fire-fighters** 

Wear self contained breathing apparatus for fire fighting if necessary.

# 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions

Use personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation. Evacuate personnel to safe areas.

### **Environmental precautions**

Do not let product enter drains.

### Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

### 7. HANDLING AND STORAGE

### Precautions for safe handling

Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

### Conditions for safe storage

Keep container tightly closed in a dry and well-ventilated place. Store at room temperature.

# 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

# Personal protective equipment

### **Respiratory protection**

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

### Hand protection

Handle with gloves.

### Eye protection

Face shield and safety glasses

### Skin and body protection

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

### Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

# 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	granular	рН	7.0 – 14.0
Melting point	no data available	Boiling point	no data available
Flash point	no data available	Ignition temperature	no data available
Lower explosion limit	no data available	Upper explosion limit	no data available
Water solubility	insoluble		

# **10. STABILITY AND REACTIVITY**

Chemical stability Stable under recommended storage conditions. Conditions to avoid Air sensitive. Materials to avoid Strong acids Hazardous decomposition products Hazardous decomposition products formed under fire conditions – nature of decomposition products not known.

# **11. TOXICOLOGICAL INFORMATION**

Acute toxicit no data availa Skin corrosi no data availa Serious eye no data availa	able on/irritation able damage/eye irritation	
Respiratory	or skin sensitization	
no data availa		
Germ cell m		
no data availa		
Carcinogenio		
IARC:	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.	
ACGIH:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.	
NTP:	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.	
OSHA:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.	
Reproductive toxicity no data available Specific target organ toxicity – single exposure (Globally Harmonized System) no data available Specific target organ toxicity – repeated exposure (Globally Harmonized System) no data available		
Aspiration hazard		
no data available		
Potential health effects		
Inhala	tion May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.	

Ingestion	May be harmful if swallowed. Causes burns.
Skin	May be harmful if absorbed through skin. Causes skin burns.
Eyes	Causes eye burns.

#### Signs and Symptoms of Exposure

Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin, cough, shortness of breath, headache, nausea

### **12. ECOLOGICAL INFORMATION**

Toxicity no data available Bioaccumulative potential no data available PBT and vPvB assessment no data available Persistence and degradability no data available Mobility in soil no data available Other adverse effects no data available

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# **13. DISPOSAL CONSIDERATIONS**

#### Product

Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

### **Contaminated packaging**

Dispose of as unused product.

# **14. TRANSPORT INFORMATION**

<b>DOT (US)</b> UN-Number: 1907 Proper shipping name: Soda lime Marine pollutant: No Poison Inhalation Hazard: No	Class: 8	Packing group: III	
IMDG	Class: 8	Packing group: III	EMS-N

UN-Number: 1907	Class: 8	Packing group: III	EMS-No: F-A,
Proper shipping name: SOD	DA LIME		
Marine pollutant: No			

Packing group: III

### IATA

UN-Number: 1907 Class: 8 Proper shipping name: Soda lime

### **15. REGULATORY INFORMATION**

OSHA Hazards Corrosive DSL Status This product contains the following components that are not on the Canadian DSL nor NDSL lists. Soda lime CAS-No.: 8006–28–8 SARA 302 Components SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 313 Components SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. SARA 311/312 Hazards Acute Health Hazard Massachusetts Right To Know Components No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components Soda lime	CAS-No.: 8006-28-8
New Jersey Right To Know Components Soda lime	CAS-No.: 8006–28–8
California Prop. 65 Components	

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

# **16. OTHER INFORMATION**

The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.

7/9/2012