

# Safety Data Sheet

Part Number 327309

## Section 1. Substance Identity and Company Contact Information

<b>Product Name</b>	SOFNOLIME GB	<b>Product Part Number(s)</b>	327307
<b>Trade Name</b>	Soda Lime (self indicating)	<b>Unit Size</b>	1 kg
<b>Company</b>	OI Analytical, P.O. Box 9010, College Station, TX 77842-9010, Phone: (979) 690-1711, Fax: (979) 690-0440		

**Emergency No. 1-800-424-9300 (Chemtrec).** Use only in the event of chemical emergencies involving spills, leaks, fire, exposure, or accidents involving chemicals.

## Section 2. Hazards Identification

**Pictogram(s)**



**Signal Word**

Warning

**Precautionary Statement(s)**

Causes skin irritation. Causes serious eye irritation. Wear protective gloves/clothing/eye protection/face protection.

**Emergency Overview**

No data available

**Target Organ(s)**

No data available

**Potential Health Effects**

Eye:	Rinse cautiously with water for several minutes. Remove contact lenses, if present, and easy to do. Continue rinsing.
Skin:	Wash with plenty of soap and water.
Ingestion:	Severe irritation from inhalation of dust
Inhalation:	Severe irritation from inhalation of dust

**Chronic Effects/ Carcinogenicity**

IARC:	No data available
NTP:	No data available
OSHA:	No data available

**Teratology (Birth Defects) Information**

No data available

**Reproductive Information**

No data available

**NFPA Ratings**

Health:	3
Flammability:	0
Reactivity:	0
Special Notice Key:	No data available

**HMIS Rating**

Health:	3
Flammability:	0
Reactivity:	1
Protective Equipment:	Gloves, glasses, dust mask

### Section 3. Chemical Composition and Data on Components

Ingredient	CAS No.	EU No.	Percent
Sodium hydroxide	1310-73-2	215-185-5	3
Calcium hydroxide	1305-62-0	215-137-3	> 75

### Section 4. First Aid Measures

<b>General Advice</b>	No data available
<b>If Inhaled</b>	Remove to fresh air, provide warmth and rest.
<b>In Case of Skin Contact</b>	Clean areas of skin affected immediately with soap and plenty of water.
<b>In Case of Eye Contact</b>	Immediately flush eyes with water for at least 15 minutes, lifting lower and upper eyelids occasionally.
<b>If Swallowed</b>	Unlikely route of exposure, but if product is swallowed, do not induce vomiting. Drink plenty of water and, if necessary, seek medical advice.
<b>Indication of Any Immediate Medical Attention and Special Treatment Needed</b>	No special measures required.

### Section 5. Fire-fighting Measures

<b>General Information</b>	Not considered a fire hazard.
<b>Suitable Extinguishing Media</b>	Water, foam, CO <sub>2</sub> , powder are all suitable
<b>Special Hazards Arising from the Substance or mixture</b>	No data available
<b>Advice for Firefighters</b>	No data available
<b>Flash Point</b>	No data available
<b>Autoignition Temperature</b>	No data available
<b>Further Information</b>	Self-contained breathing apparatus may be required.

### Section 6. Accidental Release Measures

<b>Personal Precautions, Protective Equipment, and Emergency Procedures</b>	Wear mask, gloves, and protective footwear.
<b>Environmental Precautions</b>	Do not allow to get into waste water or waterways; if this occurs, inform the relevant water authority at once.
<b>Methods and Materials for Containment and Cleaning</b>	In the event of spillage, take up mechanically into tightly closed containers. Adhere to personal protective measures. Flush any remainder with plenty of water. Label container and dispose of as prescribed.
<b>Reference to Other Sections</b>	For disposal, see Section 13.

### Section 7. Handling and Storage

<b>Precautions for Safe Handling</b>	Handle in accordance with good hygiene and safety practice. Avoid the raising and deposition of dust.
<b>Conditions for Safe Storage, Including any Incompatibilities</b>	Ensure adequate ventilation of the storage area. Keep containers tightly closed, cool, and dry, avoiding direct sunlight.
<b>Specific End Use(s)</b>	As an absorbing agent.

## Section 8. Exposure Controls and Personal Protection

<b>Components with Workplace Control Parameters</b>	No information available
<b>Appropriate Engineering Controls</b>	Provide adequate ventilation.
<b>Eye/Face Protection</b>	Safety goggles if risk of eye contamination.
<b>Skin Protection</b>	Suitable gloves
<b>Body Protection</b>	Observe normal standards for handling chemicals. Wash hands before breaks and after work. Avoid inhalation of dust if raised. Wear personal protective equipment appropriate to the task.
<b>Respiratory Protection</b>	Approved dust mask or respirator.
<b>Control of Environmental Exposure</b>	No data available

## Section 9. Physical and Chemical Properties

<b>Appearance</b>	Form: Solid; Color: White or colored
<b>Odor</b>	None
<b>Odor Threshold</b>	No data available
<b>pH</b>	12-14
<b>Melting Point/Freezing Point</b>	No data available
<b>Initial Boiling Point and Boiling Range</b>	No data available
<b>Flash Point</b>	No data available
<b>Evaporation Rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Upper/Lower Flammability or Explosive Limits</b>	No data available
<b>Vapor Pressure</b>	No data available
<b>Vapor Density</b>	No data available
<b>Relative Density</b>	No data available
<b>Water Solubility</b>	No data available
<b>Partition Coefficient : n-octanol/water</b>	No data available
<b>Auto-ignition Temperature</b>	No data available
<b>Decomposition Temperature</b>	No data available
<b>Viscosity</b>	No data available
<b>Explosive Properties</b>	No data available
<b>Oxidizing Properties</b>	No data available
<b>Other Safety Information</b>	No data available

## Section 10. Stability and Reactivity

<b>Reactivity</b>	Heat is generated if exposed to acids.
<b>Chemical Stability</b>	The product is stable.
<b>Possibility of Hazardous Reactions</b>	Hazardous polymerization will not occur.
<b>Conditions to Avoid</b>	Contact with air.
<b>Incompatible Materials</b>	No data available

## Section 11. Toxicological Information

<b>Routes of Exposure</b>	<i>On the skin:</i>	Causes burns
	<i>On the eye:</i>	Causes burns
	<i>Inhalation:</i>	Harmful if swallowed
	<i>Ingestion:</i>	Destructive to tissue of mucous membrane and upper respiratory tract. May be harmful if swallowed.
<b>Respiratory or Skin Sensitization</b>	No information available	
<b>Signs and Symptoms of Overexposure</b>	Symptoms may include burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea, and vomiting. Chemical, physical, and toxicological properties have not been thoroughly investigated to the best of our knowledge.	
<b>Toxicity Data</b>	<i>Oral Rat</i>	Oral rat LD50: 7.3 g/kg (calcium hydroxide) Oral rabbit LD50: 500 mg/kg (sodium hydroxide)

## Section 12. Ecological Information

<b>General Notes</b>	No risk of prolonged damage to animal or plant life. Converts to naturally occurring minerals
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## Section 13. Disposal Considerations

<b>Product</b>	Disposal by a licensed contractor and carrier
<b>Contaminated Packaging</b>	Disposal by a licensed contractor and carrier

## Section 14. Transport Information

<b>DOT Shipping Name</b>	Soda Lime
<b>UN Proper Shipping Name</b>	Soda Lime
<b>DOT Hazard Class</b>	No data available
<b>Packing Group</b>	No data available
<b>UN Number</b>	No data available
<b>Hazardous Ingredients</b>	No data available
<b>DOT Label</b>	No data available
<b>DOT Placard</b>	No data available
<b>IMDG Shipping Name</b>	No data available
<b>UN Number</b>	No data available
<b>Class</b>	No data available
<b>Packing Group</b>	No data available
<b>IATA Shipping Name</b>	No data available
<b>Technical Shipping Name</b>	No data available
<b>IATA Hazard Class</b>	No data available
<b>UN Number</b>	No data available
<b>Hazardous Ingredients</b>	No data available
<b>IATA Label</b>	No data available
<b>IATA Placard</b>	No data available

## Section 15. Regulatory Information

<b>OSHA Status</b>	No data available	
<b>TSCA Status</b>	Yes	
<b>CERCLA Reportable Quantity</b>	1000	
<b>SARA Title III</b>	No	
<b>RCRA Status</b>	No	
<b>California Proposition 65</b>	No	
<b>Chemical Weapons Convention</b>	No	
<b>TSCA 12 (b)</b>	No	
<b>SARA 311/312</b>	Acute:	Yes
	Chronic:	Yes
	Fire:	No
	Pressure:	No
	Reactivity:	No
<b>Australian Hazchem Code</b>	2x	
<b>Poison Schedule</b>	56	
<b>WHMIS</b>	No data available	

## Section 16. Other Information

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For R&D use only. Not for drug, household, or other uses.

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