



# Qualikems Lifesciences Pvt. Ltd.

(Formerly known as Qualikems fine chem Pvt Ltd)

Works : Plot No. 68-69,G.I.D.C Industrial Estate,Nandesari,Vadodara-391340 (Gujarat)

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## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### Product identifiers

Product name : **Sodalime**

CAS-No. : 8006-28-8

### Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Industrial & for professional use only.

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

Company : Qualikems Lifesciences Pvt Ltd

Works : Plot No. 68.69,G.I.D.C  
Industrial Estate, Nandesari,  
Vadodara-391340 (Gujarat)

### Emergency telephone number

Emergency Phone # : +91-265-2841531 (9:00am - 6:30 pm) [Office hours]

## 2. HAZARD IDENTIFICATION

### Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]**

Skin corrosion (Category 1A)

**Classification according to EU Directives 67/548/EEC or 1999/45/EC**

Causes severe burns.

### Label elements

**Labelling according to Regulation (EC) No 1272/2008 [CLP]**

Pictogram



Corrosive to metals

Signal word

Danger

Hazard statement(s)

Causes severe skin burns and eye damage.

H314

Precautionary statement(s)

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

P280

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.

Supplemental Hazard Statements none

According to European Directive 67/548/EEC as amended.  
Hazard symbol(s)



R-phrase(s)  
R35 Causes severe burns.

S-phrase(s)  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39 Wears suitable protective clothing, gloves and eye/face protection. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S45

Other hazards - none

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Substances

Component	Concentration
<b>Sodalime</b>	
CAS-No. 8006-28-8	-

### 4. FIRST AID MEASURES

#### Description of first aid measures General

##### advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

##### 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

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.

#### Most important symptoms and effects, both acute and delayed

Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin., Cough, Shortness of breath, Headache, Nausea

#### Indication of any immediate medical attention and special treatment needed

no data available

### 5. FIRE FIGHTING MEASURES

#### Extinguishing

media Suitable extinguishing

##### media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

#### Special hazards arising from the substance or mixture

Nature of decomposition products not known.

**Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

**Further information**

no data available

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

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

**Environmental precautions**

Do not let product enter drains.

**Methods and materials for containment and cleaning up**

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

**Reference to other sections**

For disposal see section 13.

**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, including any incompatibilities**

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

**Specific end uses**

no data available

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters****Components with workplace control parameters****Exposure controls****Appropriate engineering controls**

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

**Personal protective equipment****Eye/face protection**

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

**Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Body Protection**

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**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).

## 9. PHYSICALANDCHEMICALPROPERTIES

### Informationonbasicphysicalandchemicalproperties

a) Appearance	Form:granular Colour: beige
b) Odour	nodataavailable
c) OdourThreshold	nodataavailable
d) pH	7,0-14,0
e) Melting point/freezing point	nodataavailable
f) Initial boiling point and boiling range	nodataavailable
g) Flashpoint	nodataavailable
h) Evaporationrate	nodataavailable
i) Flammability(solid,gas)	nodataavailable
j) Upper/lower flammability or explosivelimits	nodataavailable
k) Vapourpressure	nodataavailable
l) Vapourdensity	nodataavailable
m) Relativedensity	nodataavailable
n) Watersolubility	insoluble
o) Partition coefficient: n-octanol/water	nodataavailable
p) Autoignition temperature	nodataavailable
q) Decomposition temperature	nodataavailable
r) Viscosity	nodataavailable
s) Explosiveproperties	nodataavailable
t) Oxidizingproperties	nodataavailable

### Othersafetyinformation

nodataavailable

## 10. STABILITYANDREACTIVITY

### Reactivity

nodataavailable

### Chemicalstability

nodataavailable

### Possibilityofhazardousreactions

nodataavailable

### Conditionstoavoid

Airsensitive.

### Incompatiblematerials

Strongacids

### Hazardousdecompositionproducts

Otherdecompositionproducts-nodataavailable

## 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects Acute

**toxicity**

no data available

**Skin corrosion/irritation**

no data available

**Serious eye damage/eye irritation**

no data available

**Respiratory or skin sensitization**

no data available

**Germ cell mutagenicity**

no data available

**Carcinogenicity**

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.

**Reproductive toxicity**

no data available

**Specific target organ toxicity - single exposure**

no data available

**Specific target organ toxicity - repeated exposure**

no data available

**Aspiration hazard**

no data available

**Potential health effects****Inhalation**

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

**Additional Information**

RTECS: Not available

## 12. ECOLOGICAL INFORMATION

**Toxicity**

no data available

**Persistence and degradability**

no data available

**Bioaccumulative potential**

no data available

**Mobility in soil**

no data available

**Results of PBT and vPvB assessment**

no data available

**Other adverse effects**

no data available

### 13. DISPOSAL CONSIDERATIONS

#### Waste treatment methods

##### Product

Offer surplus and non-recyclable solutions to a licensed disposal company. 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

#### UN number

ADR/RID: 1907

IMDG: 1907

IATA: 1907

#### UN proper shipping name

ADR/RID: SODA LIME

IMDG: SODA LIME

IATA: Sodalime

#### 14.3 Transport hazard class(es)

ADR/RID: 8

IMDG: 8

IATA: 8

#### 14.4 Packaging group

ADR/RID: III

IMDG: III

IATA: III

#### 14.5 Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

#### 14.6 Special precautions for user

no data available

### 15. REGULATORY INFORMATION

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

#### Safety, health and environmental regulations/legislations specific for the substance or mixture

no data available

#### Chemical Safety Assessment

no data available

### 16. OTHER INFORMATION

#### Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Qualikems Lifesciences Pvt. Ltd and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See [www.qualikems.com](http://www.qualikems.com) for additional terms and conditions of sale.