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C : Corrosive



8 : Corrosive substance.

**Danger**



#### **Producer**

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Waterpoortstraat, 2  
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Fax +32 57 21 78 79  
info@cidlines.com

### **SECTION 1. Identification of the substance/mixture and of the company/undertaking**

#### **1.1. Product identifier**

Identification of the product : Liquid.  
Trade name : KENO SAN  
Type of product : Detergent.

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

Use : Industrial.

#### **1.3. Details of the supplier of the safety data sheet**

Company identification : CID LINES NV  
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#### **1.4. Emergency telephone number**

Worldwide: <http://www.who.int/ipcs/poisons/centre/directory/en>

Emergency phone nr : + 32 70 245 245

### **SECTION 2. Hazards identification**

#### **2.1. Classification of the substance or mixture**

**Classification EC 67/548 or EC 1999/45**


: C; R35

**Hazard Class and Category Code Regulation EC 1272/2008 (CLP)**

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### SECTION 2. Hazards identification (continued)

- **Health hazards** : Skin corrosion - Category 1A - Danger (CLP : Skin Corr. 1A)  
Serious eye damage - Category 1 - Danger (CLP : Eye Dam. 1)

#### 2.2. Label elements

##### Labelling EC 67/548 or EC 1999/45

- **Symbol(s)**



- **R Phrase(s)**
- **S Phrase(s)**

: C: Corrosive.  
: R35 : Causes severe burns.  
: S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
: S28 : After contact with skin, wash immediately with plenty of water  
: S36/37/39 : Wear suitable protective clothing, gloves and eye/face protection.  
: S45 : In case of accident or if you feel unwell, seek medical advice immediately ( show the label when possible).

##### Labelling Regulation EC 1272/2008 (CLP)

- **Hazard pictograms**



- **Hazard pictograms code**
- **Signal words**
- **Hazard statements**
- **Pictograms (Precautionary statements)**

: GHS05  
: Danger  
: H314 : Causes severe skin burns and eye damage.



- **Precautionary statements**

##### - Prevention

: P280 : Wear protective gloves/protective clothing/eye protection/face protection.  
: P260 : Do not breathe dust/fume/gas/mist/vapours/spray.

##### - Response

: P303: IF ON SKIN (or hair) : Remove immediately all contaminated clothing. Wash with plenty of soap and water.  
: P363 : Wash contaminated clothing before reuse.  
: P305: 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. Specific treatment.  
: P301+P330+P331+P310+P321: IF SWALLOWED : Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor. Specific treatment.

#### 2.3. Other hazards

None under normal conditions.

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### SECTION 3. Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Full text of R-, H- and EUH-phrases: see section 16

**Substance / Preparation** : Preparation.

Substance name	Contents	CAS No	EC No	Index No	REACH	Classification
Sodium hydroxide	5 - 15 %	1310-73-2	215-185-5	011-002-00-6	01-2119457892-27	C; R35 Skin Corr. 1A (H314) Eye Dam 1 (H318)
2-(2-butoxyethoxy)ethanol	5 - 15 %	112-34-5	203-961-6	603-096-00-8	----	Xi; R36 Eye irrit 2 (H319)
Sodium (C14-16) olefin sulfonate	1 - 5 %	68439-57-6	270-407-8	----	----	Xi; R38-41 Eye Dam 1 (H318) Skin Irrit. 2 (H315)
Amphoteric surfactant - sodium capryliminopropionate	1 - 5 %	97659-50-2	307-455-7	----	----	Xi; R36 Eye irrit 2 (H319)

### SECTION 4. First aid measures

#### 4.1. Description of first aid measures

##### First aid

- Inhalation : Assure fresh air breathing. Allow the victim to rest. Seek medical attention immediately.
- Skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Seek medical advice.
- Eye contact : Rinse immediately with plenty of water. Seek medical attention immediately.
- Ingestion : Rinse mouth. Do not induce vomiting because of corrosive effects. Take to hospital.

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

No data available.

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

No data available.

### SECTION 5. Fire-fighting measures

#### 5.1. Extinguishing media


No data available.

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

**Hazardous combustion products** : Thermal decomposition generates : Corrosive vapours.

#### 5.3. Advice for firefighters

- Protection against fire** : Do not enter fire area without proper protective equipment, including respiratory protection.
- Special procedures** : Exercise caution when fighting any chemical fire.
- Surrounding fires** : Use water spray or fog for cooling exposed containers.

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## SECTION 6. Accidental release measures

### **6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions** : Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection.

### **6.2. Environmental precautions**

**Environmental precautions** : Prevent entry to sewers and public waters.  
Notify authorities if product enters sewers or public waters.

### **6.3. Methods and material for containment and cleaning up**

**After spillage and/or leakage** : Collect spills and put it into appropriated container.

### **6.4. Reference to other sections**

No data available.

## SECTION 7. Handling and storage

### **7.1. Precautions for safe handling**

**Handling** : Keep away from food, drink and animal feeding stuffs. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

**Personal protection** : Avoid all unnecessary exposure. Ensure prompt removal from eyes, skin and clothing.

**Technical protective measures** : Both local exhaust and general room ventilation are usually required.

### **7.2. Conditions for safe storage, including any incompatibilities**

**Storage** : Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.  
Do not store in corrodable metal.

### **7.3. Specific end use(s)**

No data available.

## SECTION 8. Exposure controls/personal protection

### **8.1. Control parameters**

No data available.

### **8.2. Exposure controls**

#### **Personal protection**

- **Respiratory protection** : Approved dust or mist respirator should be used if airborne particles are generated when handling this material.
- **Skin protection** : Wear suitable protective clothing.
- **Eye protection** : Chemical goggles or face shield with safety glasses.
- **Hand protection** : Wear suitable gloves resistant to chemical penetration.
- **Ingestion** : When using, do not eat, drink or smoke.
- Industrial hygiene** : Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.  
Provide local exhaust or general room ventilation.

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## SECTION 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### • Appearance

Appearance : Liquid.  
 Colour : Yellow-brown.

#### • pH

pH value in distilled water : ca. 11

#### • Relative density

Density [kg/m<sup>3</sup>] : ca. 1.075

#### • Solubility

Solubility in water : Complete.

### 9.2. Other information

No data available.

## SECTION 10. Stability and reactivity

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

No data available.

### 10.3. Possibility of hazardous reactions

Hazardous reactions : None under normal conditions.

Hazardous properties : None under normal conditions.

### 10.4. Conditions to avoid

No data available.

### 10.5. Incompatible materials

Materials to avoid : No data available.

### 10.6. Hazardous decomposition products

Hazardous decomposition products : Thermal decomposition generates : Corrosive vapours.

## SECTION 11. Toxicological information

### 11.1. Information on toxicological effects

Toxicity information : Corrosive to eyes, respiratory system and skin.

## SECTION 12. Ecological information

### 12.1. Toxicity


No data available.

### 12.2. Persistence and degradability

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## SECTION 12. Ecological information (continued)

No data available.

### **12.3. Bioaccumulative potential**

No data available.

### **12.4. Mobility in soil**

No data available.

### **12.5. Results of PBT and vPvB assessment**

No data available.

### **12.6. Other adverse effects**

WGK class (Germany) : 1

## SECTION 13. Disposal considerations

### **13.1. Waste treatment methods**

Disposal : Dispose in a safe manner in accordance with local/national regulations.

## SECTION 14. Transport information

### **14.1. UN Number**

General information

- UN No. : 3267

### **14.2. UN proper shipping name**

- Proper shipping name : UN3267 CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (Sodium hydroxide), 8, III, (E)

### **14.3. Transport hazard class(es)**

19 Hazard Label(s)



: 8 : Corrosive substance.

Land transport

- H.I. nr : 80

- ADR Class : 8

Sea transport

- IMO-IMDG code : Class 8

IMO Packing group : III

- IMDG-Marine pollution : YES ò

- EMS-Nr : F-A S-B

Air transport


- ICAO/IATA : Packaging instructions cargo : 820  
Packaging instructions passenger: 818

- Proper shipping name : CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (Sodium hydroxide)

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#### SECTION 14. Transport information (continued)

- IATA - Class or division : 8

IATA Packing group : III

##### 14.4. Packing group

- ADR Packing group : III

##### 14.5. Environmental hazards

In case of spillage and/or leakage : Clean up even minor leaks or spills if possible without unnecessary risk.

##### 14.6. Special precautions for user

**Personal precautions** : The driver shall not attempt to deal with any fire of the load.

No naked lights. No smoking.

Keep public away from danger area.

NOTIFY POLICE AND FIRE BRIGADE IMMEDIATELY.

##### **Additional information**

##### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not classified.

#### SECTION 15. Regulatory information

##### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Ensure all national/local regulations are observed.

##### 15.2. Chemical Safety Assessment

No data available.

#### SECTION 16. Other information

**List of relevant R phrases (heading 3)** : R35 : Causes severe burns.  
R36 : Irritating to eyes.  
R38 : Irritating to skin.  
R41: Risk of serious damage to eyes.

**List of relevant H phrases (heading 3)** : 80

**Further information** : None.

The contents and format of this SDS are in accordance with EEC Commission "REACH" Regulation, EC 1907/2006

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