

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Liquid
Product name. : KENOSAN
Product code : 008

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

1.2.1. Relevant identified uses

Main use category : Industrial use
Use of the substance/mixture : See product bulletin for detailed information.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

CID LINES NV
Waterpoortstraat, 2
B-8900 Ieper - Belgique
T + 32 57 21 78 77 - F +32 57 21 78 79
sds@cidlines.com - <http://www.cidlines.com>

1.4. Emergency telephone number

Country	Official advisory body	Address	Emergency number
Worldwide	www.who.int/ipcs/poisons/centre/directory/en		

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

C; R35
Full text of R-phrases: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS05

Signal word (CLP) : Danger
Hazard statements (CLP) : H314 - Causes severe skin burns and eye damage
Precautionary statements (CLP) : P280 - Wear protective gloves/protective clothing/eye protection/face protection
P260 - Do not breathe dust/fume/gas/mist/vapours/spray
P303 - IF ON SKIN (or hair): Remove immediately all contaminated clothing. Wash with plenty of soap and water.
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/physician Specific treatment.
P363 - Wash contaminated clothing before reuse
P301+P330+P331+P310+P321: Rinse mouth Do NOT induce vomiting Immediately call a POISON CENTER or doctor/physician Specific treatment.

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according to Regulation (EC) No. 453/2010

Labelling according to Directive 67/548/EEC or 1999/45/EC

Hazard symbols :



C - Corrosive

R-phrases :

R35 - Causes severe burns.

S-phrases :

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 where possible).

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC
2-(2-butoxyethoxy)ethanol	(CAS No.)112-34-5 (EC no)203-961-6 (EC index no)603-096-00-8 (REACH-no)01-2119475104-44	5 - 15	Xi; R36
Sodium hydroxide	(CAS No.)1310-73-2 (EC no)215-185-5 (EC index no)11-002-00-6 (REACH-no)01-2119457892-27	5 - 15	C; R35
sodium cocopropylendiamine propionate	(CAS No.)97659-50-2 (EC no)307-455-7	1 - 5	Xi; R36
Sodium (C14-16) olefin sulfonate	(CAS No.)68439-57-6 (EC no)270-407-8	1 - 5	Xi; R41 Xi; R38

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
2-(2-butoxyethoxy)ethanol	(CAS No.)112-34-5 (EC no)203-961-6 (EC index no)603-096-00-8 (REACH-no)01-2119475104-44	5 - 15	Eye Irrit. 2, H319
Sodium hydroxide	(CAS No.)1310-73-2 (EC no)215-185-5 (EC index no)11-002-00-6 (REACH-no)01-2119457892-27	5 - 15	Skin Corr. 1A, H314
sodium cocopropylendiamine propionate	(CAS No.)97659-50-2 (EC no)307-455-7	1 - 5	Eye Irrit. 2, H319
Sodium (C14-16) olefin sulfonate	(CAS No.)68439-57-6 (EC no)270-407-8	1 - 5	Eye Dam. 1, H318 Skin Irrit. 2, H315

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

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Assure fresh air breathing. Allow the victim to rest. Seek medical attention immediately.

First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Seek medical advice.

First-aid measures after eye contact : Rinse immediately with plenty of water. Seek medical attention immediately.

First-aid measures after 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 additional information available

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

No additional information available

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SECTION 5: Firefighting measures

5.1. Extinguishing media

No additional information available

5.2. Special hazards arising from the substance or mixture

Reactivity : None under normal conditions.

5.3. Advice for firefighters

Firefighting instructions : Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. 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

For containment : Collect spills and put it into appropriated container.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid all unnecessary exposure. Ensure prompt removal from eyes, skin and clothing. Both local exhaust and general room ventilation are usually required.

Hygiene measures : 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.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : 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 additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Personal protective equipment : Protective goggles. Protective clothing. Gloves. Insufficient ventilation: wear respiratory protection. Face shield.



Hand protection : Wear suitable gloves. chemical resistant PVC gloves (to European standard EN 374 or equivalent).

Eye protection : Chemical goggles or face shield with safety glasses. Use eye protection to EN 166, designed to protect against liquid splashes.

Skin and body protection : Wear suitable protective clothing. Protective clothing compliant with EN 943 part 2.

Respiratory protection : Approved dust or mist respirator should be used if airborne particles are generated when handling this material.

Other information : When using, do not eat, drink or smoke. Provide local exhaust or general room ventilation. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Yellow-brown.
Odour	: No data available
Odour threshold	: No data available
pH	: ca 11 (1%)
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Self ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: ca 1,075
Solubility	: Complete.
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

None under normal conditions.

10.2. Chemical stability

No additional information available

10.3. Possibility of hazardous reactions

None under normal conditions.

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Thermal decomposition generates :Corrosive vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Corrosive to eyes, respiratory system and skin.
Irritation	: Corrosive to eyes, respiratory system and skin. pH: ca 11 (1%)
Corrosivity	: Causes severe burns. pH: ca 11 (1%)
Sensitisation	: Corrosive.
Repeated dose toxicity	: Not applicable
Carcinogenicity	: No data available
Mutagenicity	: No data available.
Toxicity for reproduction	: No data available

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SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

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Persistence and degradability

Readily biodegradable. >60% BOD, 28 days, Closed Bottle Test (OECD). The surfactant(s) contained in this preparation complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request or at the request of a detergent-manufacturer.

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: Transport information

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

14.1. UN number

UN-No. : 3267

14.2. UN proper shipping name

Proper Shipping Name : CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.

Transport document description : UN 3267 CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (Sodium hydroxide), 8, III, (E)

14.3. Transport hazard class(es)

Class (UN) : 8

Hazard labels (UN) : 8



14.4. Packing group

Packing group (UN) : III

14.5. Environmental hazards

Other information : Clean up even minor leaks or spills if possible without unnecessary risk.

14.6. Special precautions for user

Special transport 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.

14.6.1. Overland transport

Hazard identification number (Kemler No.) : 80

Classification code (ADR) : C7

Orange plates :



Tunnel restriction code : E

LQ : LQ07

Excepted quantities (ADR) : E1

EAC code : 2X

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14.6.2. Transport by sea

Ship Safety Act : Corrosive substances
Port Regulation Law : Corrosive substances
MFAG-No. : 153

14.6.3. Air transport

Instruction "cargo" (ICAO) : Packaging instructions cargo :820
Instruction "passenger" (ICAO) : Packaging instructions passenger:818
Civil Aeronautics Law : Corrosive substances

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

No REACH Annex XVII restrictions

Contains no REACH candidate substance

Other regulations, restrictions and prohibition regulations : Ensure all national/local regulations are observed.

15.1.2. National regulations

Water hazard class (WGK) : 1 - slightly hazardous to water

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Classification according to Regulation (EC) No. 1272/2008 [CLP]:

Skin Corr. 1A H314
Eye Dam. 1 H318

Full text of R-, H- and EUH-phrases::

Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2	Serious eye damage/eye irritation Category 2
Skin Corr. 1A	skin corrosion/irritation Category 1A
Skin Irrit. 2	skin corrosion/irritation Category 2
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
R35	Causes severe burns.
R36	Irritating to eyes.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
C	Corrosive
Xi	Irritant

SDS EU CLP DPD

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.