

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

1.1. Product identifier

Product form : Mixture
Product name. : KENOCOX
Product code : 847

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/preparation : 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
info@cidlines.com - 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
N; R50
Xn; R22

Full text of R-phrases: see section 16

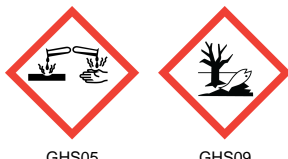
Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS05

GHS09

Signal word (CLP) :

-

Hazard statements (CLP) :

H302 - Harmful if swallowed
H314 - Causes severe skin burns and eye damage
H400 - Very toxic to aquatic life

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: Remove immediately all contaminated clothing. Wash with plenty of soap and water.
P304+P340: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. Specific treatment is urgent.
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.
P301+P330+P331+P310+P321: IF SWALLOWED : Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician. Specific treatment.

KENOCOX

Safety Data Sheet

according to Regulation (EC) No. 453/2010

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

Hazard symbols :



C - Corrosive



N - Dangerous for the environment

R-phrases :

R22 - Harmful if swallowed.
R35 - Causes severe burns.
R50 - Very toxic to aquatic organisms.

S-phrases :

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
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).
S61 - Avoid release to the environment. Refer to special instructions/safety data sheets.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Directive 67/548/EEC
Alkyltrimamine	(CAS No.)2372-82-9 (EC no)219-145-8	>= 30	Xn; R22 Xn; R48/22 C; R35 N; R50
Alcohol(C11)EO(*-*)	(CAS No.)68131-39-5	5 - 15	Xn; R22 Xi; R41
Coco-amidopropyl- betaine	(CAS No.)61789-40-0 (EC no)263-058-8	1 - 5	Xi; R36
N,N-bis(carboxymethyl)-alanine, trisodium salt	(CAS No.)164462-16-2 (REACH-no)01-0000016977-53	1 - 5	Xi; R36
Propan-2-ol	(CAS No.)67-63-0 (EC no)603-117-00-0 (EC index no)200-661-7 (REACH-no)01-2119457558-25	1 - 5	F; R11 Xi; R36 R67
Alkyldimethylbenzylammoniumchloride	(CAS No.)68424-85-1 (EC no)270-325-2	1 - 5	Xn; R21/22 C; R34 N; R50

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Alkyltrimamine	(CAS No.)2372-82-9 (EC no)219-145-8	>= 30	Skin Corr. 1A, H314 Eye Dam. 1, H318 Acute Tox. 4 (Oral), H302 STOT RE 2, H373 Aquatic Acute 1, H400
Alcohol(C11)EO(*-*)	(CAS No.)68131-39-5	5 - 15	Eye Dam. 1, H318 Acute Tox. 4 (Oral), H302
Coco-amidopropyl- betaine	(CAS No.)61789-40-0 (EC no)263-058-8	1 - 5	Eye Irrit. 2, H319
N,N-bis(carboxymethyl)-alanine, trisodium salt	(CAS No.)164462-16-2 (REACH-no)01-0000016977-53	1 - 5	Met. Corr. 1, H290
Propan-2-ol	(CAS No.)67-63-0 (EC no)603-117-00-0 (EC index no)200-661-7 (REACH-no)01-2119457558-25	1 - 5	Eye Irrit. 2, H319 STOT SE 3, H336
Alkyldimethylbenzylammoniumchloride	(CAS No.)68424-85-1 (EC no)270-325-2	1 - 5	Skin Corr. 1B, H314 Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400

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

KENOCOX

Safety Data Sheet

according to Regulation (EC) No. 453/2010

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

No additional information available

5.2. Special hazards arising from the substance or mixture

Reactivity : Thermal decomposition generates :Corrosive vapours.

5.3. Advice for firefighters

- Precautionary measures fire : Exercise caution when fighting any chemical fire.
- Firefighting instructions : 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

Methods for cleaning up : 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 : Keep away from food, drink and animal feeding stuffs. Ensure prompt removal from eyes, skin and clothing. Avoid all unnecessary exposure. Both local exhaust and general room ventilation are usually required.
- Hygiene measures : 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

Propan-2-ol (67-63-0)		
EU	IOELV TWA (mg/m ³)	983 mg/m ³
EU	IOELV TWA (ppm)	400 ppm

KENOCOX

Safety Data Sheet

according to Regulation (EC) No. 453/2010

8.2. Exposure controls

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



Hand protection : Wear suitable gloves resistant to chemical penetration. 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. Full-/half-/quarter-face masks (DIN EN 136/140).

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

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Colourless to light yellow.
Odour	: No data available
Odour threshold	: No data available
pH	: ca 12,7 (pure)
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 0,97
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

Thermal decomposition generates :Corrosive vapours.

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

KENOCOX

Safety Data Sheet

according to Regulation (EC) No. 453/2010

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. Harmful if swallowed.
Irritation	: Corrosive to eyes, respiratory system and skin. pH: ca 12,7 (pure)
Corrosivity	: Corrosive to eyes, respiratory system and skin. pH: ca 12,7 (pure)
Sensitisation	: Not applicable
Repeated dose toxicity	: Not applicable
Carcinogenicity	: No data available.
Mutagenicity	: No data available
Toxicity for reproduction	: No data available.

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

No additional information available

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) : Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations. Dispose of this material and its container at hazardous or special waste collection point.

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., 8, III, (E)

14.3. Transport hazard class(es)

Class (UN) : 8
Hazard labels (UN) : 8



14.4. Packing group

Packing group (UN) : III

KENOCOX

Safety Data Sheet

according to Regulation (EC) No. 453/2010

14.5. Environmental hazards

Dangerous for the environment

:



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

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

No additional information available

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

Acute Tox. 4 (Oral)

H302

Aquatic Acute 1

H400

KENOCOX

Safety Data Sheet

according to Regulation (EC) No. 453/2010

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

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2	Serious eye damage/eye irritation Category 2
Met. Corr. 1	Corrosive to metals Category 1
Skin Corr. 1A	skin corrosion/irritation Category 1A
Skin Corr. 1B	skin corrosion/irritation Category 1B
STOT RE 2	Specific target organ toxicity (repeated exposure) Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H290	May be corrosive to metals
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
R11	Highly flammable.
R21/22	Harmful in contact with skin and if swallowed.
R22	Harmful if swallowed.
R34	Causes burns.
R35	Causes severe burns.
R36	Irritating to eyes.
R41	Risk of serious damage to eyes.
R48/22	Harmful: danger of serious damage to health by prolonged exposure if swallowed.
R50	Very toxic to aquatic organisms.
R67	Vapours may cause drowsiness and dizziness.
C	Corrosive
F	Highly flammable
N	Dangerous for the environment
Xi	Irritant
Xn	Harmful

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.