

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

### 1.1. Product identifier

Product form : Mixture  
Product name : Kenostart™  
Product code : 893

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

#### 1.2.1. Relevant identified uses

No additional information available

#### 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](mailto:sds@cidlines.com) - <http://www.cidlines.com>

### 1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number
BELGIUM	Centre Anti-Poisons/Antigifcentrum c/o Hôpital Central de la Base - Reine Astrid	Rue Bruyn B -1120 Brussels	+32 70 245 245
CANADA	CANUTEC		(613) 996-6666
FINLAND	Poison Information Centre	P.O.B 790 (Tukholmankatu 17) HUS SF - 00029 Helsinki	+358 9 471 977
Ísland	Eitrunarmiðstöð Landspítali	Fossvogi 108 Reykjavik	+354 543 22 22
NETHERLANDS	Nationaal Vergiftigingen Informatie Centrum Uitsluitend bestemd om artsen te informeren bij accidentele vergiftigingen	Huispostnummer B.00.118, PO Box 85500 3508 GA Utrecht	+31 30 274 88 88
SWITZERLAND	Centre Suisse d'Information Toxicologique Swiss Toxicological Information Centre, Schweizerisches Toxicologisches Informationszentrum STIZ	Freiestrasse 16 Postfach CH-8028 Zurich	+41 44 251 51 51 (International) 145 (National)
UNITED KINGDOM	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	0870 243 2241
USA	American Association of Poison Control Centers		1-800-222-1222
Worldwide	<a href="http://www.who.int/ipcs/poisons/centre/directory/en">www.who.int/ipcs/poisons/centre/directory/en</a>		
Ελλάδα	Poisons Information Centre Children's Hospital "Agliaia. Kyriakou"	11527 Athens	+30 10 779 3777

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Not classified

#### Adverse physicochemical, human health and environmental effects

No additional information available

### 2.2. Label elements

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

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

No labelling applicable

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

Name	Product identifier	% w/w	Classification according to Directive 67/548/EEC
Alcohols, C12-15, ethoxylated	(CAS No) 68131-39-5 (REACH-no) 01-2119488720-33	1 - 5	Xn; R22 Xi; R41
Iodine	(CAS No) 7553-56-2 (EC no) 231-442-4 (EC index no) 53-001-00-3 (REACH-no) 01-2119485285-30	< 1	Xn; R20/21 N; R50

  

Name	Product identifier	% w/w	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Alcohols, C12-15, ethoxylated	(CAS No) 68131-39-5 (REACH-no) 01-2119488720-33	1 - 5	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Aquatic Chronic 3, H412
Iodine	(CAS No) 7553-56-2 (EC no) 231-442-4 (EC index no) 53-001-00-3 (REACH-no) 01-2119485285-30	< 1	Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Aquatic Acute 1, H400

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures after inhalation : Not expected to require first aid measures.  
 First-aid measures after skin contact : Not expected to require first aid measures.  
 First-aid measures after eye contact : Rinse immediately with water.  
 First-aid measures after ingestion : Rinse mouth. Spit.

### 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

Suitable extinguishing media : All extinguishing media can be used.

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

Fire hazard : Not combustible.

### 5.3. Advice for firefighters

Precautionary measures fire : No smoking.  
 Protection during firefighting : Exercise caution when fighting any chemical fire. 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

#### 6.1.1. For non-emergency personnel

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

#### 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 : Spill area may be slippery. Dyke for recovery or absorb with appropriate material. Dilute residues and flush.

### 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 : Both local exhaust and general room ventilation are usually required. Ensure prompt removal from eyes, skin and clothing.

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according to Regulation (EC) No. 453/2010

Hygiene measures : Keep away from food, drink and animal feedingstuffs. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

### 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. Keep at temperature not exceeding 30°C. Protect from low temperatures.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Iodine (7553-56-2)		
Belgium	Limit value (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup>
Belgium	Limit value (ppm)	0,1 ppm
Belgium	Remark (BE)	M
United Kingdom	WEL STEL (mg/m <sup>3</sup> )	1,1 mg/m <sup>3</sup>
United Kingdom	WEL STEL (ppm)	0,1 ppm

### Alcohols, C12-15, ethoxylated (68131-39-5)

DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	2080 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	294 mg/m <sup>3</sup>
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	25 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	87 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	1250 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	0,0446 mg/l Assessment factor: 1
PNEC aqua (marine water)	0,0446 mg/l Assessment factor: 1
PNEC aqua (intermittent, freshwater)	0,0446 mg/l Assessment factor: 1
PNEC (Sediment)	
PNEC sediment (freshwater)	41,3 mg/kg dwt
PNEC sediment (marine water)	41,3 mg/kg dwt
PNEC (Soil)	
PNEC soil	1 mg/kg dwt Assessment factor: 100
PNEC (STP)	
PNEC sewage treatment plant	10000 mg/l Assessment factor: 1

### Iodine (7553-56-2)

DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	0,01 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	0,07 mg/m <sup>3</sup>
PNEC (Water)	
PNEC aqua (freshwater)	0,0183 mg/l
PNEC aqua (marine water)	0,0601 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	3,99 mg/kg dwt
PNEC sediment (marine water)	20,22 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	11 mg/l (Assessment factor:10)

### 8.2. Exposure controls

Hand protection : In case of repeated or prolonged contact wear gloves. chemical resistant PVC gloves (to European standard EN 374 or equivalent)

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Reusable gloves	Polyvinylchloride (PVC)	6 (>480 min)	0.5	2 (< 1.5)	EN 374

Eye protection	: Not required.
Skin and body protection	: Not required.
Respiratory protection	: No special protection required where adequate ventilation is maintained.



Consumer exposure controls : When using do not eat, drink or smoke.

## SECTION 9: Physical and chemical properties

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

Physical state	: Viscous liquid.
Colour	: dark brown.
Odour	: Characteristic.
Odour threshold	: No data available
pH	: ca. 5,35
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-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	: No data available
Density	: ca. 1,02
Solubility	: Water: 100 g/100cm <sup>3</sup>
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

No additional information available

### 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

None under normal conditions.

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## Safety Data Sheet

according to Regulation (EC) No. 453/2010

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Ingestion. Not toxic. (OECD 423)

Kenostart™	
LD50 oral rat	> 2000 mg/kg
Irritation	: Not an irritant. (OECD 404) Avoid contact with eyes. pH: ca. 5,35
Corrosivity	: Not applicable pH: ca. 5,35
Sensitisation	: Not applicable
Repeated dose toxicity	: No data available.
Carcinogenicity	: No data available.
Mutagenicity	: No data available
Toxicity for reproduction	: No data available

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : Biodegradable.

#### 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

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

### SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

#### 14.1. UN number

Not regulated for transport

#### 14.2. UN proper shipping name

Not applicable

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

Not applicable

#### 14.4. Packing group

Not applicable

#### 14.5. Environmental hazards

Other information : No supplementary information available.

#### 14.6. Special precautions for user

Special transport precautions : Stop the engine. No naked lights. No smoking. Mark roads and warns other road users. NOTIFY POLICE AND FIRE BRIGADE IMMEDIATELY.

##### 14.6.1. Overland transport

Not applicable

##### 14.6.2. Transport by sea

Not applicable

##### 14.6.3. Air transport

Not applicable

### 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

Contains no substances with Annex XVII restrictions

Kenostart™ is not on the REACH Candidate List

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

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

#### 15.1.2. National regulations

##### Germany

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

### 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

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

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
H302	Harmful if swallowed
H312	Harmful in contact with skin
H318	Causes serious eye damage
H332	Harmful if inhaled
H400	Very toxic to aquatic life
H412	Harmful to aquatic life with long lasting effects
R20/21	Harmful by inhalation and in contact with skin
R22	Harmful if swallowed
R41	Risk of serious damage to eyes
R50	Very toxic to aquatic organisms
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*