

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

1.1. Product identifier

Product form : Mixture
Product name : Kenostart Spray & Dip
Product code : 293

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 | Organisation/Company | Address | Emergency number |
|----------------|--|---|--|
| Australia | Poisons Information Centre | | 13 11 26 |
| Belgium | Centre Anti-Poisons/Antigifocentrum c/o Hôpital Central de la Base - Reine Astrid | Rue Bruyn B - 1120 Brussels | +32 70 245 245 |
| Canada | CANUTEC | | (613) 996-6666 |
| Estonia | Mürgistusteabekeskus | Gonsiori 29 15027 Tallinn | 112 16662 |
| Finland | Poison Information Centre | P.O.B 790 (Tukholmankatu 17) HUS SF - 00029 Helsinki | +358 9 471 977 |
| Iceland | Eitrunarmiðstöð Landspítali | Fossvogi 108 Reykjavik | +354 543 22 22 |
| Malta | Medicines & Poisons Info Office | Mater Dei Hospital MSD Msida | 112 |
| 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-8032 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 |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

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]

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

3.2. Mixtures

| 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 | 0.1 - 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 | 0.1 - 1 | Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 STOT RE 1, H372 Aquatic Acute 1, H400 |

Full text of H-statements: 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 : Not expected to require first aid measures.
First-aid measures after ingestion : Not expected to require first aid measures.

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 : None under normal conditions.

5.3. Advice for firefighters

Firefighting instructions : Do not enter fire area without proper protective equipment, including respiratory protection.
Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

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

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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.

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 | Local name | Iode |
| Belgium | Limit value (mg/m³) | 1 mg/m³ |
| Belgium | Limit value (ppm) | 0.1 ppm |
| Belgium | Remark (BE) | M |
| Bulgaria | OEL STEL (mg/m³) | 3 mg/m³ |
| United Kingdom | Local name | Iodine |
| United Kingdom | WEL STEL (mg/m³) | 1.1 mg/m³ |
| 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/m³ |
| DNEL/DMEL (General population) | |
| Long-term - systemic effects,oral | 25 mg/kg bodyweight/day |
| Long-term - systemic effects, inhalation | 87 mg/m³ |
| 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/m³ | |
| 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

Personal protective equipment:

Gloves.

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Hand protection:

In case of repeated or prolonged contact wear gloves.

| Type | Material | Permeation | Thickness (mm) | Penetration | Standard |
|-----------------|-------------------------|-------------------|----------------|-------------|----------|
| Reusable gloves | Polyvinylchloride (PVC) | 6 (> 480 minutes) | 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.



Other information:

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 | : No data available |
| Odour threshold | : No data available |
| pH | : ≈ 5.3 |
| 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 |
| 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 | : $\approx 1.03 \text{ kg/l}$ |
| Solubility | : No data available |
| 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

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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

No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

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

| | |
|----------------|----------------------|
| ATE CLP (oral) | 500 mg/kg bodyweight |
|----------------|----------------------|

Iodine (7553-56-2)

| | |
|---------------------|-----------------------|
| ATE CLP (oral) | 500 mg/kg bodyweight |
| ATE CLP (dermal) | 1100 mg/kg bodyweight |
| ATE CLP (gases) | 4500 ppmv/4h |
| ATE CLP (vapours) | 11 mg/l/4h |
| ATE CLP (dust,mist) | 1.5 mg/l/4h |

Skin corrosion/irritation : Not classified
pH: ≈ 5.3

Serious eye damage/irritation : Not classified
pH: ≈ 5.3

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not applicable

Carcinogenicity : No data available

Reproductive toxicity : No data available.

STOT-single exposure : No data available

STOT-repeated exposure : No data available

Aspiration hazard : 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) : Dispose in a safe manner in accordance with local/national regulations.

European List of Waste (LoW) code : 07 06 99 - wastes not otherwise specified

SECTION 14: Transport information

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

14.1. UN number

UN-No. (ADR) : Not applicable

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| | |
|---------------|------------------|
| UN-No. (IMDG) | : Not applicable |
| UN-No. (IATA) | : Not applicable |
| UN-No. (ADN) | : Not applicable |
| UN-No. (RID) | : Not applicable |

14.2. UN proper shipping name

| | |
|-----------------------------|------------------|
| Proper Shipping Name (ADR) | : Not applicable |
| Proper Shipping Name (IMDG) | : Not applicable |
| Proper Shipping Name (IATA) | : Not applicable |
| Proper Shipping Name (ADN) | : Not applicable |
| Proper Shipping Name (RID) | : Not applicable |

14.3. Transport hazard class(es)

ADR

| | |
|----------------------------------|------------------|
| Transport hazard class(es) (ADR) | : Not applicable |
|----------------------------------|------------------|

IMDG

| | |
|-----------------------------------|------------------|
| Transport hazard class(es) (IMDG) | : Not applicable |
|-----------------------------------|------------------|

IATA

| | |
|-----------------------------------|------------------|
| Transport hazard class(es) (IATA) | : Not applicable |
|-----------------------------------|------------------|

ADN

| | |
|----------------------------------|------------------|
| Transport hazard class(es) (ADN) | : Not applicable |
|----------------------------------|------------------|

RID

| | |
|----------------------------------|------------------|
| Transport hazard class(es) (RID) | : Not applicable |
|----------------------------------|------------------|

14.4. Packing group

| | |
|----------------------|------------------|
| Packing group (ADR) | : Not applicable |
| Packing group (IMDG) | : Not applicable |
| Packing group (IATA) | : Not applicable |
| Packing group (ADN) | : Not applicable |
| Packing group (RID) | : Not applicable |

14.5. Environmental hazards

| | |
|-------------------------------|--|
| Dangerous for the environment | : No |
| Marine pollutant | : No |
| Other information | : No supplementary information available |

14.6. Special precautions for user

- Overland transport

Not applicable

- Transport by sea

Not applicable

- Air transport

Not applicable

- Inland waterway transport

Not applicable

- Rail 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 REACH substances with Annex XVII restrictions

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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

VwVwS Annex reference : Water hazard class (WGK) 1, low hazard to waters (Classification according to VwVwS, Annex 4)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed

SZW-lijst van mutagene stoffen : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : None of the components are listed

Denmark

Recommendations Danish Regulation : Pregnant/breastfeeding women working with the product must not be in direct contact with the product

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Other information : The information provided in this Technical Safety Data Sheet is correct to the best of our knowledge and while we endeavor to keep the information up to date and correct according to the state of the art, we make no representations or warranties of any kind, express or implied, about the completeness, accuracy, reliability or suitability with respect to the information contained in this technical data sheet. Any reliance you place on such information is therefore strictly at your own risk. In no event will we be liable for any loss or damage (including, without limitation, indirect or consequential loss or damage, or any loss or damage whatsoever arising from loss of profits) arising out of, or in connection with, the use of this information and /or the use, handling, processing or storage of the product. Always consult the Safety Data Sheet and product label for more info about security.

Full text of H- and EUH-statements:

| | |
|---------------------------|--|
| 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 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| STOT RE 1 | Specific target organ toxicity — Repeated exposure, Category 1 |
| STOT SE 3 | Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation |
| H302 | Harmful if swallowed. |
| H312 | Harmful in contact with skin. |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage |
| H319 | Causes serious eye irritation. |
| H332 | Harmful if inhaled. |
| H335 | May cause respiratory irritation. |
| H372 | Causes damage to organs through prolonged or repeated exposure. |
| H400 | Very toxic to aquatic life. |
| H412 | Harmful to aquatic life with long lasting effects. |

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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