

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

1.1. Product identifier

Product form : Mixture
 Product name : MIDA TRISEPT
 Product group : Klenzan Product

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

1.2.1. Relevant identified uses

Use of the substance/mixture : Cleaning product

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Christeyns Food Hygiene Ltd.
 2 Cameron Court, Winwick Quay
 WA2 8RE Warrington - United Kingdom
 T 01925 234696 - F 01925 234693
UK-foodinfo@christeyns.com - www.christeynsfoodhygiene.co.uk

1.4. Emergency telephone number

Emergency number : 01925 234696 (09:00-17:00 GMT)

| Country | Organisation/Company | Address | Emergency number | Comment |
|----------------|---|-----------------------------------|------------------|---------|
| United Kingdom | National Poisons Information Service (Birmingham Centre) City Hospital | Dudley Road B18 7QH Birmingham | 0344 892 0111 | |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Acute toxicity (oral), Category 4 H302
 Skin corrosion/irritation, Category 2 H315
 Serious eye damage/eye irritation, Category 1 H318
 Hazardous to the aquatic environment — Acute Hazard, Category 1 H400
 Hazardous to the aquatic environment — Chronic Hazard, Category 2 H411
 Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

Harmful if swallowed. Causes serious eye damage. Causes skin irritation. Very toxic to aquatic life with long lasting effects.

2.2. Label elements

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

Hazard pictograms (CLP) :



Signal word (CLP) :

Danger

Hazardous ingredients :

Dodecyl Dipropylenetriamine; Ethylenediaminetetraacetic acid, tetrasodium salt

Hazard statements (CLP) :

H302 - Harmful if swallowed.
 H315 - Causes skin irritation.
 H318 - Causes serious eye damage.
 H410 - Very toxic to aquatic life with long lasting effects.

Precautionary statements (CLP) :

P273 - Avoid release to the environment.
 P280 - Wear protective gloves, protective clothing, eye protection, face protection.
 P301+P312 - IF SWALLOWED: Call a doctor if you feel unwell.
 P302+P352 - IF ON SKIN: Wash with plenty of water.
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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P313 - Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.

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 | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--|---|--------|--|--|
| Ethylenediaminetetraacetic acid, tetrasodium salt | (CAS-No.) 64-02-8 (EC-No.) 200-573-9 (EC Index-No.) 607-428-00-2 (REACH-no) 01-2119486762-27 | 5 - 15 | Xn; R22 Xi; R41 | Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation:gas), H332 Acute Tox. 4 (Inhalation:dust,mist), H332 Eye Dam. 1, H318 STOT RE 2, H373 |
| Dodecyl Dipropylenetriamine | (CAS-No.) 2372-82-9 (EC-No.) 219-145-8 | 1 - 5 | Xn; R22 Xn; R48/22 C; R35 N; R50 | Acute Tox. 3 (Oral), H301 Skin Corr. 1A, H314 STOT RE 2, H373 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 |
| Sodium Xylenesulphonate | (CAS-No.) 1300-72-7 (EC-No.) 215-090-9 | 1 - 5 | Xi; R36 | Acute Tox. 4 (Dermal), H312 Eye Irrit. 2, H319 |
| Alcohols, C13-15, branched and linear, ethoxylated | | < 1 | Xi; R41 N; R50 | Eye Irrit. 2, H319 Aquatic Acute 1, H400 Aquatic Chronic 3, H412 |

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

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------------------------|--|
| First-aid measures general | : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). |
| First-aid measures after inhalation | : Remove person to fresh air and keep comfortable for breathing. Obtain medical attention if breathing difficulty persists. |
| First-aid measures after skin contact | : Remove contaminated clothing. Drench affected area with water for at least 15 minutes. If skin irritation or rash occurs Get medical advice/attention. |
| First-aid measures after eye contact | : Irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart. Obtain emergency medical attention. |
| First-aid measures after ingestion | : Do NOT induce vomiting. Rinse mouth. Drink directly plenty of water or milk. Obtain emergency medical attention. |

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

| | |
|------------------|---|
| Symptoms/effects | : Irritation of the respiratory tract and the other mucous membranes. May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract. Causes skin irritation. Causes serious eye damage. |
|------------------|---|

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

Prompt action is critical.

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|------------------------------|--|
| Suitable extinguishing media | : Water. Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO ₂). Use extinguishing media appropriate for surrounding fire. |
|------------------------------|--|

5.2. Special hazards arising from the substance or mixture

| | |
|-------------|------------------|
| Fire hazard | : Not flammable. |
|-------------|------------------|

5.3. Advice for firefighters

| | |
|--------------------------------|---|
| Firefighting instructions | : Use water spray or fog for cooling exposed containers. Prevent fire fighting water from entering the environment. |
| Protection during firefighting | : Use self-contained breathing apparatus and chemically protective clothing. |

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Wear recommended personal protective equipment.

6.1.1. For non-emergency personnel

Protective equipment : Avoid any direct contact with the product. Use personal protective equipment as required.

Emergency procedures : Evacuate unnecessary personnel. Only qualified personnel equipped with suitable protective equipment may intervene.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment.

6.2. Environmental precautions

Avoid release to the environment. 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 : Stop leak if safe to do so. Contain and collect spillages with non-combustible absorbent materials.

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. This material and its container must be disposed of in a safe way, and as per local legislation. Wash contaminated area with large amounts of water.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Do not mix with other products.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a cool, well ventilated place. Avoid high temperatures.

Incompatible products : Chlorine-based disinfectants. anionic surfactants.

7.3. Specific end use(s)

Cleaning product.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls:

Good ventilation of the workplace required.

Hand protection:

Wear suitable gloves resistant to chemical penetration. Standard EN 374 - Protective gloves against chemicals.

Eye protection:

Goggles. Standard EN 166 - Personal eye-protection. If there is a risk of liquid being splashed wear suitable face shield

Skin and body protection:

Wear suitable protective clothing. PVC apron covering the tops of the boots. Boots made of PVC

Respiratory protection:

Not required for normal conditions of use

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Appearance : Clear Liquid. Foaming product.

Colour : Pale Straw.

Odour : Amine-like.

Odour threshold : No data available

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| | |
|--|---------------------|
| pH | : 11 , 1% v/v |
| 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 | : 1.07 |
| Solubility | : Soluble in water. |
| Log Pow | : 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

Stable under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal conditions.

10.4. Conditions to avoid

Extremely high or low temperatures.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Oral: Harmful if swallowed.

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

| | |
|--|---------------------------|
| ATE CLP (oral) | 1228.996 mg/kg bodyweight |
| Dodecyl Dipropylenetriamine (2372-82-9) | |
| LD50 oral rat | 50 - 300 mg/kg |
| Ethylenediaminetetraacetic acid, tetrasodium salt (64-02-8) | |
| LD50 oral | > 1780 mg/kg |
| LC50 inhalation rat (mg/l) | 1 - 5 mg/l/4h |
| Sodium Xylenesulphonate (1300-72-7) | |
| LD50 oral rat | 7200 mg/kg |
| LD50 dermal rabbit | 2000 mg/kg |
| Alcohols, C13-15, branched and linear, ethoxylated | |
| LD50 oral rat | > 2000 mg/kg |

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| | |
|-----------------------------------|---|
| Skin corrosion/irritation | : Causes skin irritation. pH: 11 , 1% v/v |
| Serious eye damage/irritation | : Causes serious eye damage. pH: 11 , 1% v/v |
| Respiratory or skin sensitisation | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |
| STOT-single exposure | : Not classified |
| STOT-repeated exposure | : Not classified |

Ethylenediaminetetraacetic acid, tetrasodium salt (64-02-8)

| | |
|----------------------------|---------------------------|
| LOAEL (oral, rat, 90 days) | 1780 mg/kg bodyweight/day |
| Aspiration hazard | : Not classified |

SECTION 12: Ecological information

12.1. Toxicity

| | |
|--------------------------|--|
| Acute aquatic toxicity | : Very toxic to aquatic life. |
| Chronic aquatic toxicity | : Toxic to aquatic life with long lasting effects. |

Dodecyl Dipropylenetriamine (2372-82-9)

| | |
|--------------------|-----------------|
| LC50 fish 1 | 0.1 - 1 mg/l |
| EC50 Daphnia 1 | 0.01 - 0.1 mg/l |
| EC50 72h algae (1) | 0.01 - 0.1 mg/l |
| ErC50 (algae) | 0.015 mg/l |

Ethylenediaminetetraacetic acid, tetrasodium salt (64-02-8)

| | |
|--------------------|--------------|
| LC50 fish 1 | > 100 mg/l |
| EC50 Daphnia 1 | > 500 mg/l |
| EC50 72h algae (1) | > 100 mg/l |
| ErC50 (algae) | > 300 mg/l |
| NOEC chronic fish | >= 25.7 mg/l |

Sodium Xylenesulphonate (1300-72-7)

| | |
|----------------|-----------|
| LC50 fish 1 | 1000 mg/l |
| EC50 Daphnia 1 | 1000 mg/l |
| ErC50 (algae) | 230 mg/l |

Alcohols, C13-15, branched and linear, ethoxylated

| | |
|--------------------|--------------|
| LC50 fish 1 | 1 - 10 mg/l |
| EC50 Daphnia 1 | 0.1 - 1 mg/l |
| EC50 72h algae (1) | 0.1 - 1 mg/l |

12.2. Persistence and degradability

Dodecyl Dipropylenetriamine (2372-82-9)

| | |
|-------------------------------|----------------|
| Persistence and degradability | Biodegradable. |
| Biodegradation | > 70 % |

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

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| | |
|---------------------------|--|
| Results of PBT assessment | The product does not meet the PBT and vPvB classification criteria |
|---------------------------|--|

Component

| | |
|---|---|
| Ethylenediaminetetraacetic acid, tetrasodium salt (64-02-8) | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |
|---|---|

12.6. Other adverse effects

No additional information available

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: Transport information

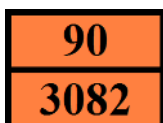
In accordance with ADR / IMDG

| ADR | IMDG |
|--|--|
| 14.1. UN number 3082 | 3082 |
| 14.2. UN proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. |
| Transport document description UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EDTA tetrasodium salt, Dodecyl Dipropylenetriamene), 9, III, (-) | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EDTA tetrasodium salt, Dodecyl Dipropylenetriamene), 9, III, MARINE POLLUTANT |
| 14.3. Transport hazard class(es) 9 | 9 |
|  |  |
| 14.4. Packing group III | III |
| 14.5. Environmental hazards Dangerous for the environment : Yes | Dangerous for the environment : Yes Marine pollutant : Yes |
| No supplementary information available | |

14.6. Special precautions for user

- Overland transport

Classification code (ADR) : M6
Special provisions (ADR) : 274, 335, 375, 601
Limited quantities (ADR) : 5I
Excepted quantities (ADR) : E1
Packing instructions (ADR) : P001, IBC03, LP01, R001
Special packing provisions (ADR) : PP1
Mixed packing provisions (ADR) : MP19
Portable tank and bulk container instructions (ADR) : T4
Portable tank and bulk container special provisions (ADR) : TP1, TP29
Tank code (ADR) : LGBV
Vehicle for tank carriage : AT
Transport category (ADR) : 3
Special provisions for carriage - Packages (ADR) : V12
Special provisions for carriage - Loading, unloading and handling (ADR) : CV13
Hazard identification number (Kemler No.) : 90
Orange plates :



Tunnel restriction code (ADR) : -
EAC code : •3Z

- Transport by sea

Special provisions (IMDG) : 274, 335, 969

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| | |
|-----------------------------------|--------------|
| Packing instructions (IMDG) | : P001, LP01 |
| Special packing provisions (IMDG) | : PP1 |
| IBC packing instructions (IMDG) | : IBC03 |
| Tank instructions (IMDG) | : T4 |
| Tank special provisions (IMDG) | : TP2, TP29 |
| EmS-No. (Fire) | : F-A |
| EmS-No. (Spillage) | : S-F |
| Stowage category (IMDG) | : A |

14.7. Transport in bulk according to Annex II of Marpol 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

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

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

| | |
|-------------------------------------|--|
| Acute Tox. 3 (Oral) | Acute toxicity (oral), Category 3 |
| Acute Tox. 4 (Dermal) | Acute toxicity (dermal), Category 4 |
| Acute Tox. 4 (Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist) Category 4 |
| Acute Tox. 4 (Inhalation:gas) | Acute toxicity (inhalation:gas) 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 1 | Hazardous to the aquatic environment — Chronic Hazard, Category 1 |
| Aquatic Chronic 2 | Hazardous to the aquatic environment — Chronic Hazard, Category 2 |
| 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 Corr. 1A | Skin corrosion/irritation, Category 1A |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| STOT RE 2 | Specific target organ toxicity — Repeated exposure, Category 2 |
| H301 | Toxic if swallowed. |
| H302 | Harmful if swallowed. |
| H312 | Harmful in contact with skin. |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H332 | Harmful if inhaled. |
| H373 | May cause damage to organs through prolonged or repeated exposure. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H411 | Toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

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REACH 22112017

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