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

1.1. Product identifier
Product form : Mixture
Trade name : Vesta-Syde® SQ Quaternary Ammonium Disinfectant
Product code : 6335
Product group : Trade product

1.2. Relevant identified uses of the substance or mixture and uses advised against
1.2.1. Relevant identified uses
Industrial/Professional use spec : For professional use only
Use of the substance/mixture : Hard surface disinfectant

1.2.2. Uses advised against
No additional information available

1.3. Details of the supplier of the safety data sheet
Manufacturer:
STERIS Corporation
P. O. Box 147, St. Louis, MO 63166, US
Telephone Number for Information: 1-800-444-9009 (Customer Service-Scientific Products)
US Emergency Telephone No. 1-314-535-1395 (STERIS); 1-800-424-9300 (CHEMTREC)

Supplier:
Allied Scientific Products
102 Bakehouse Rd.
Kensington Vic. 3031
Australia
Telephone: 1300 244724
Email: asksteris_mads@steris.com

1.4. Emergency telephone number
Emergency number : 1 800 429 551 (24 hours) Australia
0508 338 423 (New Zealand)
1-703-741-5970 (CHEMTREC International)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification according to NOHSC:

Classification according to Regulation (EC) No. 1272/2008 [CLP]
Flammable Liq/Vap H226
Metals Corr.1 H290
Acute Tox. 4 (Oral) H302
Acute Tox. 4 (Inhalation) H332
Skin Corr. 1B H314
Eye Dam. 1 H318
STOT SE 3 H335
Aq. Chronic 1 H410

Full text of H-phrases: see section 16

Adverse physicochemical, human health and environmental effects
No additional information available
Vesta-Syde® SQ Quaternary Ammonium Disinfectant
Safety Data Sheet
according to Regulation (EC) No. 453/2010

2.2. Label elements

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

Hazard pictograms (CLP) : GHS02 GHS05 GHS07 GHS09

Signal word (CLP) : Danger

Hazard statements (CLP) : H226 - Flammable liquid and vapour
H290 - May be corrosive to metals
H302+H332 - Harmful if swallowed or if inhaled
H314 - Causes severe skin burns and eye damage
H335 - May cause respiratory irritation
H410 - Very toxic to aquatic life with long lasting effects

Precautionary statements (CLP) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260 - Do not breathe mist/vapours/spray.
P270 - Do not eat, drink or smoke when using this product
P273 - Avoid release to the environment.
P380 - Wear protective gloves/protective clothing/eye protection/face protection
P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P304+P340 - IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310 - Immediately call a POISON CENTER or doctor/physician

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Didecyldimethylammonium chloride</td>
<td>(CAS No) 7173-51-5 (EC no) 230-525-2 (EC index no) 612-131-00-6</td>
<td>7 - 13</td>
<td>Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Aquatic Acute 1, H400 Aquatic Chronic 1, H410</td>
</tr>
<tr>
<td>Ethanolamine</td>
<td>(CAS No) 141-43-5 (EC no) 205-483-3 (EC index no) 603-030-00-8 (REACH No) 01-2119486455-28-0038</td>
<td>5 - 10</td>
<td>Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation,dust,mist), H332 Skin Corr. 1B, H314 STOT SE 3, H335</td>
</tr>
<tr>
<td>n-Propanol</td>
<td>(CAS No) 71-23-8 (EC no) 200-746-9 (EC index no) 603-003-00-0</td>
<td>1 - 5</td>
<td>Flam. Liq. 2, H225 Eye Dam. 1, H318 STOT SE 3, H336</td>
</tr>
<tr>
<td>1-Octanamine, N,N-dimethyl-, N-oxide</td>
<td>(CAS No) 2605-78-9 (EC no) 607-854-9 (REACH No) 01-2119409076-45-0002</td>
<td>1 - 5</td>
<td>Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335</td>
</tr>
<tr>
<td>Alanine, N,N-bis(carboxymethyl)-, trisodium salt</td>
<td>(CAS No) 164462-16-2 (EC no) 605-362-9</td>
<td>1 - 5</td>
<td>Skin Corr. 1B, H314 Aquatic Chronic 3, H412</td>
</tr>
<tr>
<td>Ethanol substance with national workplace exposure limit(s) (AT, BE, BG, CZ, DE, DK, ES, ET, FI, FR, GB, GR, HU, IE, IT, LT, LV, NL, PL, PT, RO, SE, SK, SI)</td>
<td>(CAS No) 64-17-5 (EC no) 200-578-6 (EC index no) 603-002-00-5 (REACH no) 01-2119457610-43-XXXX</td>
<td>0.5 - 1.5</td>
<td>Flam. Liq. 2, H225</td>
</tr>
<tr>
<td>Other Non-Hazardous Components</td>
<td>NA</td>
<td>Up to 100</td>
<td>NA</td>
</tr>
</tbody>
</table>

Full text of H- and EUH-phrases: 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)

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First-aid measures after inhalation: Remove to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. Immediately get medical attention.

First-aid measures after skin contact: Immediately flush skin with plenty of water for at least 15 minutes. Remove/Take off immediately all contaminated clothing. Obtain medical attention if irritation persists.

First-aid measures after eye contact: In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing. In all cases of doubt, or when symptoms persist, seek medical advice.

First-aid measures after ingestion: Rinse mouth. Do NOT induce vomiting. Give water to drink if victim completely conscious/alert. Immediately call a POISON CENTER or doctor/physician.

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

- Symptoms/injuries: Corrosive to eyes and skin. Causes severe skin burns and eye damage.
- Symptoms/injuries after skin contact: Severe skin irritant. Effects of skin contact may include: irritation and burn feeling.
- Symptoms/injuries after eye contact: Causes serious eye damage.

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

No additional information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Unsuitable extinguishing media: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

- Fire hazard: Not sustaining combustion. Flash point (°C): 44

5.3. Advice for firefighters

- Firefighting instructions: Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. Use water spray or fog for cooling exposed containers.
- Protective equipment for firefighters: Use self-contained breathing apparatus. 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: Do not breathe fumes, vapors. Avoid contact with skin, eyes and clothes.

6.1.1. For non-emergency personnel

- Protective equipment: Wear protective gloves and eye/face protection. For further information refer to section 8: Exposure-controls/personal protection.
- Emergency procedures: Stop leak if safe to do so. Evacuate unnecessary personnel.

6.1.2. For emergency responders

- Protective equipment: Equip cleanup crew with proper protection.
- Emergency procedures: Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Leftovers: neutralize with sodium bicarbonate. Neutralise with dry sodium carbonate. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections

See Heading 8: Exposure controls and personal protection.

SECTION 7: Exposure controls and personal protection

7.1. Precautions for safe handling

- Precautions for safe handling: Read label before use. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Do not breathe gas, fumes, vapour or spray.
- Hygiene measures: Wash hands thoroughly after handling. Take care for general good hygiene and housekeeping. Do not eat, drink or smoke when using this product.

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7.2. Conditions for safe storage, including any incompatibilities

Technical measures: A washing facility/water for eye and skin cleaning purposes should be present. Provide adequate ventilation. Comply with applicable regulations.

Storage conditions: Keep only in the original container in a cool, well ventilated place. Keep out of reach of children. Store away from freezing (avoid freezing during storage). Keep container tightly closed. If frozen, thaw and mix thoroughly before use.

Storage area: Store in dry, cool, well-ventilated area.

Special rules on packaging: Correctly labelled.

7.3. Specific end use(s)

No additional information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

**Ethanol (64-17-5)**

<table>
<thead>
<tr>
<th>Country/Standard</th>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Italy - Portugal - USA ACGIH</td>
<td>ACGIH TWA (mg/m³)</td>
<td>1884 mg/m³</td>
</tr>
<tr>
<td>Italy - Portugal - USA ACGIH</td>
<td>ACGIH TWA (ppm)</td>
<td>1000 ppm</td>
</tr>
<tr>
<td>Italy - Portugal - USA ACGIH</td>
<td>ACGIH STEL (ppm)</td>
<td>1000 ppm</td>
</tr>
<tr>
<td>USA IDLH</td>
<td>US IDLH (ppm)</td>
<td>3300 ppm (10% LEL)</td>
</tr>
<tr>
<td>USA NIOSH</td>
<td>NIOSH REL (TWA) (mg/m³)</td>
<td>1900 mg/m³</td>
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<tr>
<td>USA NIOSH</td>
<td>NIOSH REL (TWA) (ppm)</td>
<td>1000 ppm</td>
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<tr>
<td>USA OSHA</td>
<td>OSHA PEL (TWA) (mg/m³)</td>
<td>1900 mg/m³</td>
</tr>
<tr>
<td>USA OSHA</td>
<td>OSHA PEL (TWA) (ppm)</td>
<td>1000 ppm</td>
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<tr>
<td>United Kingdom</td>
<td>WEL TWA (mg/m³)</td>
<td>1920 mg/m³</td>
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<tr>
<td>United Kingdom</td>
<td>WEL TWA (ppm)</td>
<td>1000 ppm</td>
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<tr>
<td>United Kingdom</td>
<td>WEL STEL (mg/m³)</td>
<td>5760 mg/m³ (calculated)</td>
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<tr>
<td>United Kingdom</td>
<td>WEL STEL (ppm)</td>
<td>3000 ppm (calculated)</td>
</tr>
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**n-Propanol (71-23-8)**

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<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Italy - Portugal - USA ACGIH</td>
<td>ACGIH TWA (ppm)</td>
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</tr>
<tr>
<td>USA IDLH</td>
<td>US IDLH (ppm)</td>
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<td>USA NIOSH</td>
<td>NIOSH REL (TWA) (mg/m³)</td>
<td>500 mg/m³</td>
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<tr>
<td>USA NIOSH</td>
<td>NIOSH REL (TWA) (ppm)</td>
<td>200 ppm</td>
</tr>
<tr>
<td>USA NIOSH</td>
<td>NIOSH REL (STEL) (mg/m³)</td>
<td>625 mg/m³</td>
</tr>
<tr>
<td>USA NIOSH</td>
<td>NIOSH REL (STEL) (ppm)</td>
<td>250 ppm</td>
</tr>
<tr>
<td>USA OSHA</td>
<td>OSHA PEL (TWA) (mg/m³)</td>
<td>500 mg/m³</td>
</tr>
<tr>
<td>USA OSHA</td>
<td>OSHA PEL (TWA) (ppm)</td>
<td>200 ppm</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>WEL TWA (mg/m³)</td>
<td>500 mg/m³</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>WEL TWA (ppm)</td>
<td>200 ppm</td>
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<tr>
<td>United Kingdom</td>
<td>WEL STEL (mg/m³)</td>
<td>625 mg/m³</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>WEL STEL (ppm)</td>
<td>250 ppm</td>
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</table>

**Ethanolamine (141-43-5)**

<table>
<thead>
<tr>
<th>Country/Standard</th>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Italy - Portugal - USA ACGIH</td>
<td>ACGIH TWA (ppm)</td>
<td>3 ppm</td>
</tr>
<tr>
<td>Italy - Portugal - USA ACGIH</td>
<td>ACGIH STEL (ppm)</td>
<td>6 ppm</td>
</tr>
<tr>
<td>USA IDLH</td>
<td>US IDLH (ppm)</td>
<td>30 ppm</td>
</tr>
<tr>
<td>USA NIOSH</td>
<td>NIOSH REL (TWA) (mg/m³)</td>
<td>8 mg/m³</td>
</tr>
<tr>
<td>USA NIOSH</td>
<td>NIOSH REL (TWA) (ppm)</td>
<td>3 ppm</td>
</tr>
<tr>
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<td>NIOSH REL (STEL) (mg/m³)</td>
<td>15 mg/m³</td>
</tr>
<tr>
<td>USA NIOSH</td>
<td>NIOSH REL (STEL) (ppm)</td>
<td>6 ppm</td>
</tr>
<tr>
<td>USA OSHA</td>
<td>OSHA PEL (TWA) (mg/m³)</td>
<td>6 mg/m³</td>
</tr>
<tr>
<td>USA OSHA</td>
<td>OSHA PEL (TWA) (ppm)</td>
<td>3 ppm</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>WEL TWA (mg/m³)</td>
<td>2.5 mg/m³</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>WEL TWA (ppm)</td>
<td>1 ppm</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>WEL STEL (mg/m³)</td>
<td>7.6 mg/m³</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>WEL STEL (ppm)</td>
<td>3 ppm</td>
</tr>
</tbody>
</table>
8.2 Exposure controls

Appropriate engineering controls: Ensure adequate ventilation. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Personal protective equipment: Personal protective equipment should be selected based upon the conditions under which this product is handled or used. The following pictograms represent the minimum requirements for personal protective equipment. Protective clothing, Gloves, Protective goggles.

Hand protection: Wear rubber gloves.
Eye protection: Chemical goggles or safety glasses.
Skin and body protection: Wear suitable protective clothing.
Respiratory protection: Work in well-ventilated zones or use proper respiratory protection. Wear appropriate mask.
Other information: Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state: Liquid.
Appearance: Clear.
Colour: Light yellow.
Odour: Mild odor. Characteristic.
Odour threshold: No data available.
pH: 11.7 Alkali (lye), concentrated.
pH solution: 10.9 1% Solution.
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: 44 °C The sustaining combustion test for liquids was carried out (liquid does not sustain combustion). The result is negative.
Self ignition temperature: No data available.
Decomposition temperature: No data available.
Flammability (solid, gas): Not sustaining combustion.
Vapour pressure: No data available.
Relative vapour density at 20 °C: No data available.
Relative density: No data available.
Density: ca. 0.984 Specific Gravity.
Solubility: Water: completely soluble.
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

Stable under normal conditions of use. Recommended storage temperature.

10.3 Possibility of hazardous reactions

Not established.

10.4 Conditions to avoid

Store in a cool dry place. Avoid Freezing. Direct sunlight. Extremely high or low temperatures.
10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products


SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity: Harmful if swallowed. Harmful if inhaled

<table>
<thead>
<tr>
<th>Vesta-Syde® SQ Quaternary Ammonium Disinfectant</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral</td>
<td>1030 mg/kg</td>
</tr>
<tr>
<td>LD50 dermal</td>
<td>&gt; 5000 g/kg</td>
</tr>
<tr>
<td>LC50 inhalation rat (mg/l)</td>
<td>&gt; 5,18 mg/l</td>
</tr>
<tr>
<td>ATE (oral)</td>
<td>500,000 mg/kg bodyweight</td>
</tr>
<tr>
<td>ATE (dust,mist)</td>
<td>1,500 mg/l/4h</td>
</tr>
</tbody>
</table>

**Ethanol (64-17-5)**

| LC50 inhalation rat (mg/l) | 124,7 mg/l/4h |
| ATE (dust,mist) | 124,700 mg/l/4h |

**n-Propanol (71-23-8)**

| LC50 oral rat | 1870 mg/kg |
| LC50 inhalation rat (ppm) | > 13548 ppm/4h |

**Didecyldimethylammonium chloride (7173-51-5)**

| ATE (oral) | 500,000 mg/kg bodyweight |

**Ethanolamine (141-43-5)**

| LD50 oral rat | 1720 mg/kg |
| LD50 dermal rabbit | 1 ml/kg |
| ATE (oral) | 500,000 mg/kg bodyweight |
| ATE (dermal) | 1100,000 mg/kg bodyweight |
| ATE (dust,mist) | 1,500 mg/l/4h |

Skin corrosion/irritation: Causes severe skin burns and eye damage

pH: 11,7 Alkali (lye), concentrated

Serious eye damage/irritation: Causes serious eye damage

pH: 11,7 Alkali (lye), concentrated

Respiratory or skin sensitisation: Not classified

Based on available data, the classification criteria are not met

Germ cell mutagenicity: Not classified

Based on available data, the classification criteria are not met

Carcinogenicity: Not classified

Based on available data, the classification criteria are not met

Reproductive toxicity: Not classified

Based on available data, the classification criteria are not met

Specific target organ toxicity (single exposure): May cause respiratory irritation

Based on available data, the classification criteria are not met

Specific target organ toxicity (repeated exposure): Not classified

Based on available data, the classification criteria are not met

Aspiration hazard: Not classified

Based on available data, the classification criteria are not met

Potential Adverse human health effects and symptoms: Based on available data, the classification criteria are not met

SECTION 12: Ecological information

12.1. Toxicity

Ecology - General: Toxic to aquatic life.

**Ethanol (64-17-5)**

| LC50 fishes | 15300 mg/l (US EPA method E03-05, dynamic, 48h) |
| LC50 other aquatic organisms | 5012 (Daphnia) (ASTME 729-80, static, 48h) |
| EC50 other aquatic organisms (Bacteria) | 5800 (Bacteria) (Rajini, et al., 1989, 4h) |
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ErC50 (algae) 275 mg/l (OECD 201, 3d)
NOEC chronic fish 245 (Q SAR, 30d)
NOEC chronic crustacea 9.6 mg/l (Daphnia) (Mount & Norberg, 1984, 9d)

n-Propanol (71-23-8)
LC50 fishes 1 4480 mg/l (Exposure time: 96 h - Species: Pimephales promelas [Flow-through])
EC50 Daphnia 1 3642 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 Daphnia 2 3339 - 3977 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])

Ethanolamine (141-43-5)
LC50 fishes 1 227 mg/l (Exposure time: 96 h - Species: Pimephales promelas [Flow-through])
EC50 Daphnia 1 65 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 other aquatic organisms 1 15 mg/l (Exposure time: 72 h - Species: Desmodesmus subspicatus)
LC50 fish 2 3684 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [Static])

12.2. Persistence and degradability
No additional information available

12.3. Bioaccumulative potential
Vesta-Syde® SQ Quaternary Ammonium Disinfectant
Bioaccumulative potential Not established

Ethanol (64-17-5)
Log Kow -0.35 (Shake Flask method OECD 107)
Bioaccumulative potential Due to the distribution coefficient n-octanol/water accumulation in organisms is not expected

n-Propanol (71-23-8)
Log Pow 0.25 - 0.34

Ethanolamine (141-43-5)
Log Pow -1.91 (at 25 °C)

12.4. Mobility in soil
No additional information available

12.5. Results of PBT and vPvB assessment

Component
Ethanol (64-17-5) This substance/mixture does not meet the PBT criteria of REACH, annex XIII
This substance/mixture does not meet the vPvB criteria of REACH, annex XIII

12.6. Other adverse effects
: Avoid release to the environment

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations
Additional information : Empty containers should be thoroughly rinsed with large quantities of clean water. Dispose of empty containers and wastes safely. Dispose in a safe manner in accordance with local/national regulations

Ecology - waste materials : Avoid release to the environment

SECTION 14: Transport information
In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

14.1. UN number
UN-No : 1903
UN-No. (IATA) : 1903
UN-No. (IMDG) : 1903

14.2. UN proper shipping name
Proper Shipping Name : DISINFECTANT, LIQUID, CORROSIVE, N.O.S.
Transport document description : UN 1903 DISINFECTANT, LIQUID, CORROSIVE, N.O.S. (Quaternary Ammonium Compounds), 8, III

14.3. Transport hazard class(es)
Class (UN) : 8
Class (IATA) : 8
Class (IMDG) : 8

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according to Regulation (EC) No. 453/2010

Hazard labels (UN) : 8

14.4. Packing group
Packing group (UN) : III

14.5. Environmental hazards
Other information : No supplementary information available

14.6. Special precautions for user

14.6.1. Overland transport
Hazard identification number (Kemler No.) : 80
Classification code (UN) : C9
Orange plates :

Special provision (ADR) : 274
Transport category (ADR) : 3
Tunnel restriction code : E
Limited quantities (ADR) : 5L
Excepted quantities (ADR) : E1
EAC code : 2X

14.6.2. Transport by sea
Ship Safety Act : UN 1903 DISINFECTANT, LIQUID, CORROSIVE, N.O.S. (Quaternary Ammonium Compounds), 8, III

14.6.3. Air transport
No additional information available

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. Australia
AICS Listed or Exempt.

15.1.2. EU-Regulations
No REACH Annex XVII restrictions
Contains no REACH candidate substance

15.2. Chemical safety assessment
No chemical safety assessment has been carried out

SECTION 16: Other information
Revision date : 03/10/2020

Other information : None

Full text of H- and EUH-phrases:

| Acute Tox. 4 (Dermal) | Acute toxicity (dermal), Category 4 |
| Acute Tox. 4 (Inhalation) | Acute toxicity (inhalation), Category 4 |
| Acute Tox. 4 (Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist), Category 4 |
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4 |
| 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 |
### Vesta-Syde® SQ Quaternary Ammonium Disinfectant

**Safety Data Sheet**

according to Regulation (EC) No. 453/2010

<table>
<thead>
<tr>
<th>Flame. Liq. 2</th>
<th>Flammable liquids, Category 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin Corr. 1B</td>
<td>Skin corrosion/irritation, Category 1B</td>
</tr>
<tr>
<td>Skin Irrit. 2</td>
<td>Skin corrosion/irritation, Category 2</td>
</tr>
<tr>
<td>STOT SE 3</td>
<td>Specific target organ toxicity (single exposure), Category 3</td>
</tr>
<tr>
<td>H225</td>
<td>Highly flammable liquid and vapour</td>
</tr>
<tr>
<td>H226</td>
<td>Flammable liquid and vapour</td>
</tr>
<tr>
<td>H290</td>
<td>May be corrosive to metals</td>
</tr>
<tr>
<td>H302</td>
<td>Harmful if swallowed</td>
</tr>
<tr>
<td>H312</td>
<td>Harmful in contact with skin</td>
</tr>
<tr>
<td>H314</td>
<td>Causes severe skin burns and eye damage</td>
</tr>
<tr>
<td>H315</td>
<td>Causes skin irritation</td>
</tr>
<tr>
<td>H318</td>
<td>Causes serious eye damage</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation</td>
</tr>
<tr>
<td>H332</td>
<td>Harmful if inhaled</td>
</tr>
<tr>
<td>H335</td>
<td>May cause respiratory irritation</td>
</tr>
<tr>
<td>H336</td>
<td>May cause drowsiness or dizziness</td>
</tr>
<tr>
<td>H410</td>
<td>Very toxic to aquatic life with long lasting effects</td>
</tr>
<tr>
<td>H412</td>
<td>Harmful to aquatic life with long lasting effects</td>
</tr>
</tbody>
</table>

**SDS EU (REACH Annex II)**

The information on this sheet is not a specification and does not guarantee specific properties. The information is intended to provide general knowledge as to health and safety based upon our knowledge of the handling, storage and use of the product. It is not applicable to unusual or non-standard uses of the product or where instruction or recommendations are not followed.