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

1.1. Product identifier

Product name: EDTA
REACH registered number(s): 01-2119486762-27
CAS number: 64-02-8
Synonyms: TRILON B

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

1.3. Details of the supplier of the safety data sheet

Company name: Central Chemical Supplies Ltd
44 Hall Road
Donaghcloney
Co Armagh
BT66 7LJ
United Kingdom
Tel: 02838 881936
Email: frances@ccsni.co.uk

1.4. Emergency telephone number

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Acute Tox. 4: H302; Eye Dam. 1: H318
Most important adverse effects: Harmful if swallowed. Causes serious eye damage.

2.2. Label elements

Label elements:
Hazard statements: H302: Harmful if swallowed.

H318: Causes serious eye damage.

Hazard pictograms: GHS05: Corrosion

GHS07: Exclamation mark

Signal words: Danger

Precautionary statements: P264: Wash hands thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301+312: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P305+351+338: 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/doctor.
P330: Rinse mouth.

2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.1. Substances

<table>
<thead>
<tr>
<th>Chemical identity</th>
<th>TETRASODIUM ETHYLENE DIAMINE TETRAACETATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number</td>
<td>64-02-8</td>
</tr>
<tr>
<td>REACH registered number(s)</td>
<td>01-2119486762-27</td>
</tr>
</tbody>
</table>

Section 4: First aid measures

4.1. Description of first aid measures

<table>
<thead>
<tr>
<th>Skin contact:</th>
<th>Wash immediately with plenty of soap and water.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye contact:</td>
<td>Bathe the eye with running water for 15 minutes.</td>
</tr>
<tr>
<td>Ingestion:</td>
<td>Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.</td>
</tr>
<tr>
<td>Inhalation:</td>
<td>Remove casualty from exposure ensuring one’s own safety whilst doing so. Consult a doctor.</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Skin contact:</th>
<th>There may be mild irritation at the site of contact.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye contact:</td>
<td>There may be irritation and redness.</td>
</tr>
<tr>
<td>Ingestion:</td>
<td>There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.</td>
</tr>
<tr>
<td>Inhalation:</td>
<td>Absorption through the lungs can occur causing symptoms similar to those of ingestion.</td>
</tr>
</tbody>
</table>

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

| Extinguishing media: | Suitable extinguishing media for the surrounding fire should be used. |

5.2. Special hazards arising from the substance or mixture

| Exposure hazards: | In combustion emits toxic fumes. |
5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Do not create dust. Mark out the contaminated area with signs and prevent access to unauthorised personnel. If outside do not approach from downwind.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid the formation or spread of dust in the air. Avoid direct contact with the substance.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

<table>
<thead>
<tr>
<th>Type</th>
<th>Exposure</th>
<th>Value</th>
<th>Population</th>
<th>Effect</th>
</tr>
</thead>
<tbody>
<tr>
<td>DNEL</td>
<td>Inhalation - long term</td>
<td>2.5 mg/m3</td>
<td>Workers</td>
<td>Systemic</td>
</tr>
</tbody>
</table>

[cont...]
8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.
Respiratory protection: Respiratory protective device with particle filter.
Hand protection: Protective gloves.
Eye protection: Safety glasses. Ensure eye bath is to hand.
Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Powder
Colour: White
Odour: Product specific
Solubility in water: Soluble
Autoflamability°C: >200
Relative density: 1.67
pH: 10.5-12.5

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.
10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Relevant hazards for product:

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Route</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity (ac. tox. 4)</td>
<td>ING</td>
<td>Hazardous: calculated</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>OPT</td>
<td>Hazardous: calculated</td>
</tr>
</tbody>
</table>

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: Absorption through the lungs can occur causing symptoms similar to those of ingestion.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.
Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3:

H302: Harmful if swallowed.

H318: Causes serious eye damage.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.