

Edta Disodium Salt Dihydrate 0.025 mol/l

Date 5.2.2013

Previous date: -

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier****1.1.1 Commercial Product Name**

Edta Disodium Salt Dihydrate 0.025 mol/l

1.1.2 Product code

FF317 1 L

1.2 Relevant identified uses of the substance or mixture and uses advised against**1.2.1 Recommended use**

Laboratory chemical.

1.3 Details of the supplier of the safety data sheet**1.3.1 Supplier**

Oy FF-Chemicals Ab

Street address

Teollisuustie 4

Postcode and post office

FI-90830 Haukipudas

Finland

Telephone

+358 8 5563 193

Telefax

+358 8 5563 194

Email

ffc@ff-chemicals.fi

1.4 Emergency telephone number**1.4.1 Telephone number, name and address**

Please contact the Emergency Centre in your own country.

2. HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture**

The product is not classified as hazardous.

2.2 Label elements**2.3 Other hazards****3. COMPOSITION/INFORMATION ON INGREDIENTS****3.2 Mixtures**

Solution.

Hazardous components**CAS/EC and Reg. number**

6381-92-6

Chemical name of the substance

EDTA disodium dihydrate

Concentration Classification

< 10 %

Xn; R20/21/22; Xi; R36/37/38; R52/53; Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Acute Tox. 4, H332; STOT SE 3, H335; Aquaric Chronic 3, H412

3.3 Other information

The texts of R and H phrases can be read in chapter 16.

4. FIRST AID MEASURES**4.1 Description of first aid measures**

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- 4.1.2 Inhalation**
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- 4.1.3 Skin contact**
Flush with copious amounts of water.
- 4.1.4 Eye contact**
Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids.
- 4.1.5 Ingestion**
Rinse mouth with water and give much water to drink.
- 4.2 Most important symptoms and effects, both acute and delayed**
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- 4.3 Indication of immediate medical attention and special treatment needed**
If feeling unwell, seek medical advice.

5. FIREFIGHTING MEASURES

Non-combustible.

- 5.1 Extinguishing media**
- 5.1.1 Suitable extinguishing media**
Extinguishing media should be suitable to surrounding materials.
- 5.2 Special hazards arising from the substance or mixture**
May liberate hazardous fumes or vapour in case of fire.
- 5.3 Advice for firefighters**
Fire fighters have to wear a respirator.

6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures**
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- 6.2 Environmental precautions**
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- 6.3 Methods and materials for containment and cleaning up**
Absorb in appropriate material. Pick up in containers for waste treatment. Clean contaminated surfaces. Ventilate the area.
- 6.4 Reference to other sections**
8, 13.

7. HANDLING AND STORAGE

- 7.1 Precautions for safe handling**
Obey good laboratory practices, good hygiene and safety guidelines.
- 7.2 Conditions for safe storage, including any incompatibilities**
Keep container tightly closed.
- 7.3 Specific end use(s)**

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters**
- 8.1.2 Other information on limit values**
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- 8.1.3 Limit values in other countries**
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- 8.1.4 DNELs**
No information available.
- 8.1.5 PNECs**
No information available.
- 8.2 Exposure controls**
- 8.2.1 Appropriate engineering controls**
Obey good laboratory practices, good hygiene and safety guidelines. Adequate ventilation needed.
- 8.2.2 Individual protection measures**
- 8.2.2.1 Respiratory protection**
Respirator if vapours or aerosols are escaped in air.
- 8.2.2.2 Hand protection**
Protective gloves complying with EN 374.
- 8.2.2.3 Eye/face protection**
Protective goggles.
- 8.2.2.4 Skin protection**
Working clothes.

9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Important Health Safety and Environmental Information**
- 9.1.1 Appearance**
Neste.
- 9.1.2 Odour** No information available.
- 9.1.3 Odour threshold** No information available.
- 9.1.4 pH** No information available.
- 9.1.5 Melting point/freezing point** No information available.
- 9.1.6 Initial boiling point and boiling range** No information available.
- 9.1.7 Flash point** Not applicable.
- 9.1.8 Evaporation rate** No information available.
- 9.1.9 Flammability (solid, gas)** -
- 9.1.10 Explosive properties**
- 9.1.10.1 Lower explosion limit** -
- 9.1.10.2 Upper explosion limit** -
- 9.1.11 Vapour pressure** N/I
- 9.1.12 Vapour density** N/I
- 9.1.13 Relative density** No information available.
- 9.1.14 Solubility(ies)**
- 9.1.14.1 Water solubility** Soluble.
- 9.1.15 Partition coefficient: n-octanol/water** No information available.
- 9.1.16 Auto-ignition temperature** Not applicable.
- 9.1.17 Decomposition temperature** No information available.
- 9.1.18 Viscosity** No information available.
- 9.1.19 Explosive properties** -
- 9.1.20 Oxidising properties** -
- 9.2 Other information**

10. STABILITY AND REACTIVITY

- 10.1 Reactivity**
No information available.

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- 10.2 Chemical stability**
Stable in normal conditions.
- 10.3 Possibility of hazardous reactions**
No information available.
- 10.4 Conditions to avoid**
Strong heating.
- 10.5 Incompatible materials**
N/I
- 10.6 Hazardous decomposition products**
No information available.

11. TOXICOLOGICAL INFORMATION

- 11.1 Information on toxicological effects**
- 11.1.1 Acute toxicity**
No hazard classification.
- 11.1.2 Irritation and corrosion**
No hazard classification.
- 11.1.3 Sensitisation**
No hazard classification.
- 11.1.4 Subacute, subchronic and prolonged toxicity**
No hazard classification.
- 11.1.5 STOT-single exposure**
No hazard classification.
- 11.1.6 STOT-repeated exposure**
No hazard classification.
- 11.1.7 Aspiration hazard**
Not classified.

12. ECOLOGICAL INFORMATION

- 12.1 Toxicity**
- 12.1.1 Aquatic toxicity**
No ecological problems are to be expected when the product is handled and used with due care and attention.
- 12.2 Persistence and degradability**
- 12.2.1 Biodegradation**
No information available.
- 12.3 Bioaccumulative potential**
No information available.
- 12.4 Mobility in soil**
No information available.
- 12.5 Results of PBT and vPvB assessment**
No information available.
- 12.6 Other adverse effects**

13. DISPOSAL CONSIDERATIONS

- 13.1 Waste treatment methods**
Disposal in compliance with local and national regulation.

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14. TRANSPORT INFORMATION

	Land transport ADR/RID	Sea transport IMDG/IMO	Air transport ICAO/IATA
14.1 UN number			
14.2 UN proper shipping name			
14.3 Transport hazard class(es)			
14.4 Packing group			
14.5 Environmental hazards			
Other information			

14.6 Special precautions for users**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code****15. REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
REACH regulation, CLP regulation (EC).**15.2 Chemical safety assessment****16. OTHER INFORMATION****16.3 Key literature references and sources for data**

ECHA C&L Inventory.

16.4 Classification procedure

CLP Regulation (1272/2008/EY)

16.5 List of relevant R phrases, hazard statements, safety phrases and/or precautionary statements

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

R36/37/38 Irritating to eyes, respiratory system and skin.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H412 Harmful to aquatic life with long lasting effects.

16.6 Training advice

Obey good laboratory practices, good hygiene and safety guidelines.

16.8 Additional information available from:

Oy FF-Chemicals Ab, Finland, Tel: 0358 (0)8 5563; ffc@ff-chemicals.fi

The information contained herein is based on the present state of our knowledge and does therefore not guarantee certain properties.