

Conductivity Standard 25° C (A) 1413 µS/cm (1,413 mS/cm 141,3 mS/m)

Date 18.11.2021

Previous date: 2.7.2012

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

Conductivity Standard 25° C (A) 1413 µS/cm (1,413 mS/cm 141,3 mS/m)

1.1.2 Product code

FF2196 500 ML, FF2196 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

Business ID

05851808

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 according to EU legislation.

2.2 Label elements

The product does not need to be labelled in accordance with EC directives or respective national laws.

2.3 Other hazards

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3. COMPOSITION/INFORMATION ON INGREDIENTS**3.2 Mixtures**

Aqueous solution.

The product does not contain any hazardous substance.

4. FIRST AID MEASURES**4.1 Description of first aid measures****4.1.2 Inhalation**

No special measures required.

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. Contact an ophthalmologist if irritation persists.

4.1.5 Ingestion

Rinse mouth. Seek medical advice if symptoms persist.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

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- 4.3 Indication of immediate medical attention and special treatment needed**
If feeling unwell, seek medical advice.

5. FIREFIGHTING MEASURES

- 5.1 Extinguishing media**
5.1.1 Suitable extinguishing media
Choose extinguishing media suitable for surrounding materials.
- 5.1.2 Extinguishing media which must not be used for safety reasons**
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- 5.2 Special hazards arising from the substance or mixture**
No information available.
- 5.3 Advice for firefighters**
No special measures required.
- 5.4 Specific methods**
8, 13.

6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures**
Evacuate the area. Wear personal protective equipment.
- 6.2 Environmental precautions**
No special measures required.
- 6.3 Methods and materials for containment and cleaning up**
Absorb in suitable absorption material and collect for disposal. Clean surfaces and 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)**
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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters**
Contains no substances with occupational exposure limit values.
- 8.2 Exposure controls**
- 8.2.1 Appropriate engineering controls**
Obey good laboratory practices, good hygiene and safety guidelines.
- 8.2.2 Individual protection measures**
- 8.2.2.1 Respiratory protection**
Adequate ventilation.
- 8.2.2.2 Hand protection**
Protective gloves (EN 374).
- 8.2.2.3 Eye/face protection**
Goggles (European standard - EN 166).
- 8.2.2.4 Skin protection**
Working clothes.

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8.2.3 Environmental exposure controls

No special measures required.

9. PHYSICAL AND CHEMICAL PROPERTIES**9.1 Important Health Safety and Environmental Information****9.1.1 Appearance**

Liquid, colourless

9.1.2 Odour

Odourless

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

No information available.

9.1.8 Evaporation rate

No information available.

9.1.9 Flammability (solid, gas)

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9.1.10 Explosive properties**9.1.10.1 Lower explosion limit**

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9.1.10.2 Upper explosion limit

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9.1.11 Vapour pressure

No information available.

9.1.12 Vapour density

No information available.

9.1.13 Relative density

0,9978 kg/l

9.1.14 Solubility(ies)**9.1.14.1 Water solubility**

Soluble in water.

9.1.14.2 Fat solubility (solvent - oil to be specified)

No information available.

9.1.15 Partition coefficient: n-octanol/water

No information available.

9.1.16 Auto-ignition temperature

No information available.

9.1.17 Decomposition temperature

No information available.

9.1.18 Viscosity

No information available.

9.1.19 Explosive properties

No information available.

9.1.20 Oxidising properties

No information available.

9.2 Other information

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10. STABILITY AND REACTIVITY**10.1 Reactivity**

Stable in normal conditions.

10.2 Chemical stability

Stable in normal conditions.

10.3 Possibility of hazardous reactions

Not reported when stored and handled according to regulations.

10.4 Conditions to avoid

Excess heat.

10.5 Incompatible materials

N/A

10.6 Hazardous decomposition products

No information available.

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11. TOXICOLOGICAL INFORMATION

- 11.1 Information on toxicological effects**
- 11.1.1 Acute toxicity**
Not classified.
- 11.1.2 Irritation and corrosion**
Not classified.
- 11.1.3 Sensitisation**
Not classified.
- 11.1.4 Subacute, subchronic and prolonged toxicity**
Not classified.
- 11.1.5 STOT-single exposure**
Not classified.
- 11.1.6 STOT-repeated exposure**
Not classified.
- 11.1.7 Aspiration hazard**
Not classified.

12. ECOLOGICAL INFORMATION

- 12.1 Toxicity**
- 12.1.1 Aquatic toxicity**
Not expected to cause any harm to the environment.
- 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**
This product does not contain any substances classified as PBT or vPvB.
- 12.6 Other adverse effects**
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13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

- 14.1 UN number** -
- 14.2 UN proper shipping name** -
- 14.3 Transport hazard class(es)** -
- 14.4 Packing group** -
- 14.5 Environmental hazards** -
- 14.6 Special precautions for users**
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- 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**
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15. REGULATORY INFORMATION

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
REACH regulation
CLP regulation
- 15.2 Chemical safety assessment**
Chemical Safety Assessment/Reports (CSA/CSR) is not available for this substance.

16. OTHER INFORMATION

- 16.1 Additions, Deletions, Revisions**
General revision.
- 16.3 Key literature references and sources for data**
Information on ingredients
ECHA C&L Inventory
- 16.6 Training advice**
Obey good laboratory practices, good hygiene and safety guidelines.
- 16.7 Recommended restrictions**
No special restrictions.
- 16.8 Additional information available from:**
Oy FF-Chemicals Ab, Finland, tel. +358 8 5563 193
ffc@ff-chemicals.fi

The information in this safety data sheet are according to our best knowledge correct on the day it was composed, and may not be regarded as warranty or quality specification.