

Standard Solution 621

Date 2.10.2018

Previous date: 4.2.2013

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

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1.1.2 Product code

FF208 500 ML

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

Laboratory chemical. Standard solution.

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

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2.3 Other hazards

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

The product does not contain any hazardous substance.

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

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4.1.3 Skin contact

Flush skin with water.

4.1.4 Eye contact

Rinse immediately with plenty of water also under eye lids.

4.1.5 Ingestion

If conscious, rinse mouth with water. Give water to drink.

4.2 Most important symptoms and effects, both acute and delayed

N/A

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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.
- 5.2 Special hazards arising from the substance or mixture**
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- 5.3 Advice for firefighters**
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6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures**
No specific instructions.
- 6.2 Environmental precautions**
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- 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**
No 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
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- 8.2.2.2 Hand protection**
Protective gloves
- 8.2.2.3 Eye/face protection**
Goggles
- 8.2.2.4 Skin protection**
Laboratory coat

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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)	No information available.
9.1.10	Explosive properties	
9.1.10.1	Lower explosion limit	No information available.
9.1.10.2	Upper explosion limit	No information available.
9.1.11	Vapour pressure	No information available.
9.1.12	Vapour density	No information available.
9.1.13	Relative density	No information available.
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	None under normal handling.
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	N/A
10.5	Incompatible materials	N/A
10.6	Hazardous decomposition products	No information available.

11. TOXICOLOGICAL INFORMATION

11.1	Information on toxicological effects	
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- 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.
- 12.1.2 Toxicity to other organisms**
No information available.
- 12.2 Persistence and degradability**
- 12.2.1 Biodegradation**
No information available.
- 12.2.2 Chemical degradation**
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**
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13. DISPOSAL CONSIDERATIONS

- 13.1 Waste treatment methods**
Disposal as laboratory chemical waste according to local and national regulations.

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.

16.4 Classification procedure

CLP regulation (1272/2008/EC)

16.6 Training advice

Handle with good practice and according to safety instructions.

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.