**Conductivity Standard 100 µS/cm (10,0 mS/m) 25°C (A)**

Date 7.2.2013 Previous date: -

## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/ UNDERTAKING

**1.1 Product identifier**

**1.1.1 Commercial Product Name**

Conductivity Standard 100 µS/cm (10,0 mS/m) 25°C (A)

**1.1.2 Product code**

FF6248 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

**3.3 Other information**

The product does not contain hazardous substances.

## 4. FIRST AID MEASURES

**4.1 Description of first aid measures**

-

**4.1.2 Inhalation**

-

**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**

No information available.

**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**

-

**5.3 Advice for firefighters**

-

## 6. ACCIDENTAL RELEASE MEASURES

**6.1 Personal precautions, protective equipment and emergency procedures**

No specific instructions.

**6.2 Environmental precautions**

-

**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**

-

**8.1.3 Limit values in other countries**

-

**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** | |
| | Liquid. | |
| **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)** | Not flammable. |
| **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.

**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.
No hazard classification.

**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.

## 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**
CLP Regulation (1272/2008/EY)

**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.