

SODIUM CARBONATE 0,25 mol/l

Date 25.9.2012

Previous date: -

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

SODIUM CARBONATE 0,25 mol/l

1.1.2 Product code

FF2274 1 l

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

MP0112 - Laboratory use: R&D laboratory use

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

Oy FF-Chemicals Ab

P.O.Box

Teollisuustie 4

Postcode and post office

FI-90830 Haukipudas

Finland

Telephone

+358 (0)8 5563 193

Telefax

+358 (0)8 5563 194

Email

ffc@ff-chemicals.fi

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

Emergency telephone number 112

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

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

2.2 Label elements**2.3 Other hazards****3. COMPOSITION/INFORMATION ON INGREDIENTS****3.2 Mixtures****Hazardous components****CAS/EC and Reg. number**

497-19-8

Chemical name of the substance

sodiumcarbonate

Concentration Classification

2,6%

Xi; R36;
Eye Irrit. 2, H319**4. FIRST AID MEASURES****4.1 Description of first aid measures****4.1.2 Inhalation**

Move the victim to fresh air.

4.1.3 Skin contact

Wash off with soap and water.

4.1.4 Eye contact

Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.

4.1.5 Ingestion

If swallowed, call a poison control centre or doctor immediately. Drink 1 or 2 glasses of water.

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**5. FIREFIGHTING MEASURES****5.1 Extinguishing media****5.1.1 Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.1.2 Extinguishing media which must not be used for safety reasons

Product is compatible with standard fire-fighting agents.

5.2 Special hazards arising from the substance or mixture

Not combustible.

5.3 Advice for firefighters

In the event of fire, wear self-contained breathing apparatus.

5.4 Specific methods

Prevent fire extinguishing water from contaminating surface water or the ground water system.

6. ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures****6.2 Environmental precautions**

Prevent product from entering drains.

6.3 Methods and materials for containment and cleaning up

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

6.4 Reference to other sections**7. HANDLING AND STORAGE****7.1 Precautions for safe handling**

Observe label precautions.

7.2 Conditions for safe storage, including any incompatibilities

Keep tightly closed. Store at room temperature.

7.3 Specific end use(s)**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 Control parameters****8.2 Exposure controls****8.2.2 Individual protection measures****8.2.2.2 Hand protection**

Protective gloves

8.2.2.3 Eye/face protection

Goggles

8.2.2.4 Skin protection

Lab coat

8.2.3 Environmental exposure controls

Do not empty into drains.

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

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9.1.1	Appearance	
	Liquid,clear	
9.1.2	Odour	odourless
9.1.4	pH	not determined
9.1.7	Flash point	not applicable
9.1.8	Evaporation rate	no data available
9.1.9	Flammability (solid, gas)	no data available
9.1.10	Explosive properties	
9.1.10.1	Lower explosion limit	no data available
9.1.10.2	Upper explosion limit	no data available
9.1.14	Solubility(ies)	
9.1.14.1	Water solubility	Information refers to the main component. 220 g/l
9.1.16	Auto-ignition temperature	no data available
9.1.17	Decomposition temperature	no data available
9.1.18	Viscosity	no data available
9.1.19	Explosive properties	no data available
9.1.20	Oxidising properties	no data available
9.2	Other information	

10. STABILITY AND REACTIVITY

10.1	Reactivity	No dangerous reaction known under conditions of normal use.
10.2	Chemical stability	Stable at normal ambient temperature and pressure.
10.3	Possibility of hazardous reactions	Information refers to the main component. Aluminium, Alkaline earth metals, Fluorine, Sulphuric acid, Alkali metals
10.4	Conditions to avoid	Information not available
10.5	Incompatible materials	Information not available
10.6	Hazardous decomposition products	Information not available

11. TOXICOLOGICAL INFORMATION

11.1	Information on toxicological effects	No data is available on the product itself. Information refers to the main component.
11.1.1	Acute toxicity	LD50/oral/rat =4090 mg/kg

12. ECOLOGICAL INFORMATION

12.1	Toxicity	
12.1.1	Aquatic toxicity	No data is available on the product itself. Information refers to the main component. LC50/96h/bluegill sunfish =300 mg/l
12.2	Persistence and degradability	
12.2.1	Biodegradation	no data available

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- 12.2.2 Chemical degradation**
no data available
- 12.3 Bioaccumulative potential**
no data available
- 12.4 Mobility in soil**
no data available
- 12.5 Results of PBT and vPvB assessment**
- 12.6 Other adverse effects**
Do not allow contact with soil, surface or ground water.

13. DISPOSAL CONSIDERATIONS

- 13.1 Waste treatment methods**
160506 - laboratory chemicals consisting of or containing dangerous substances including mixtures of laboratory chemicals
- 13.2 Waste from residues / unused products**
The product has to be disposed of as laboratory chemical in accordance with local regulations.

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	Not classified as dangerous in the meaning of transport regulations.	Not classified as dangerous in the meaning of transport regulations.	

- 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**
Directive 96/82/EC does not apply
Take note of Dir 94/33/EC on the protection of young people at work.
- 15.2 Chemical safety assessment**

16. OTHER INFORMATION

- 16.4 Classification procedure**
Calculation method.REGULATION (EC) No 1272/2008

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16.6 Training advice

Provide adequate information, instruction and training for operators.

16.8 Additional information available from:

Oy FF-Chemicals Ab, Tel. +358 8-5563 193
ffc@ff-chemicals.fi

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