

Ammonium thiocyanate 0,1N VS USP

Date 30.8.2011

Previous date: -

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

Ammonium thiocyanate 0,1N VS USP

1.1.2 Product code

FF6188 500 ML

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**

The product is not classified as dangerous 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**

1762-95-4

Chemical name of the substance

Ammonium thiocyanate

Concentration Classification

0,8%

Xn; R32, R20/21/22, R52-53
;Acute Tox 4. H332
Acute Tox 4. H312
Acute Tox 4. H302
Aquatic Chronic 3. H412**4. FIRST AID MEASURES****4.1 Description of first aid measures****4.1.2 Inhalation**

If breathed in, move person into fresh air.

4.1.3 Skin contact

If on skin, rinse well with water.

4.1.4 Eye contact

If in eyes, rinse with water for 15 minutes.

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4.1.5 Ingestion

Drink 1 or 2 glasses of water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

irritant effects, Diarrhoea,nausea,Vomiting

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.

Burning produces irritant fumes.

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.

Suppress (knock down) gases/vapours/mists with a water spray jet.

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

Avoid breathing vapours, mist or gas. Evacuate personnel to safe areas.

6.2 Environmental precautions

Do not empty into drains.

6.3 Methods and materials for containment and cleaning up

Cover drains. Large spills should be collected mechanically (remove by pumping) for disposal. Dispose of wastes in an approved waste disposal facility. Contaminated area must be cleaned

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

Handle in accordance with good industrial hygiene and safety practice.

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**

Contains no substances with occupational exposure limit values.

8.2 Exposure controls**8.2.1 Appropriate engineering controls**

Handle in accordance with good industrial hygiene and safety practice.

8.2.2 Individual protection measures**8.2.2.1 Respiratory protection**

Required when vapours/aerosols are generated.

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- 8.2.2.2 Hand protection**
Protective gloves
- 8.2.2.3 Eye/face protection**
Safety Glasses
- 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**

- 9.1.1 Appearance**
Liquid, colourless
- 9.1.2 Odour** odourless
- 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** -
- 9.1.10.2 Upper explosion limit** -
- 9.1.11 Vapour pressure** No information available.
- 9.1.14 Solubility(ies)**
- 9.1.14.1 Water solubility** soluble
- 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** Not explosive
- 9.1.20 Oxidising properties** None.
- 9.2 Other information**

10. STABILITY AND REACTIVITY

- 10.1 Reactivity**
- 10.2 Chemical stability**
Stable at normal ambient temperature and pressure.
- 10.3 Possibility of hazardous reactions**
No information available.
- 10.4 Conditions to avoid**
No information available.
- 10.5 Incompatible materials**
Metals
- 10.6 Hazardous decomposition products**
Burning produces irritant fumes.

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11. TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects****11.1.1 Acute toxicity**

Information refers to the main component.

LD50/oral/rat =500 mg/kg

11.1.2 Irritation and corrosion

According to the classification criteria of the European Union, the product is not considered as being a skin irritant.

According to the classification criteria of the European Union, the product is not considered as being an eye irritant.

11.1.3 Sensitisation

Information not available

11.1.4 Subacute, subchronic and prolonged toxicity

Information not available

11.1.5 STOT-single exposure

Information not available

11.1.6 STOT-repeated exposure

Information not available

11.1.7 Aspiration hazard

Information not available

12. ECOLOGICAL INFORMATION**12.1 Toxicity****12.1.1 Aquatic toxicity**

Information not available

12.2 Persistence and degradability**12.2.1 Biodegradation**

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****13. DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods****13.2 Waste from residues / unused products**

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations.

14. TRANSPORT INFORMATION

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| | 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. | | |

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

15.2 Chemical safety assessment**16. OTHER INFORMATION****16.4 Classification procedure**

REGULATION (EC) No 1272/2008

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.