

SAFETY DATA SHEET**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****1.1 Identification of the substance/preparation****Product name**

F 22 HOHTA

Product code

60077

1.2 Use of the Substance/Preparation**1.2.1 Expressed in writing**

A strong alkaline washing powder for food industry.

1.3 Company/Undertaking Identification**1.3.1 Manufacturer, importer, supplier**

FARMOS Oy

1.3.2 Contact information**Street address**

Tengströminkatu 6

Postcode and post office

20360 TURKU

Post-office box

PL 157

Postcode and post office

FI-20101 TURKU

Telephone

0204 877 110

Telefax

0204 877 720

Business ID

2002871-3

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

09-4711

direct number +358 9 471 977

HUS / Myrkytystietokeskus

PL 340, 00029 HUS, Suomi

2. COMPOSITION/INFORMATION ON INGREDIENTS**2.1 Hazardous components****2.1.1****CAS number
or other code**

6834-92-0

2.1.2**Chemical name of the
substance**

Disodium metasilicate

2.1.3**Concentration**

>30%

2.1.4**Warning symbol, R phrases and other
information**

C;R34-37

3. HAZARDS IDENTIFICATION

The product is classified as corrosive.C;R34

4. FIRST AID MEASURES**4.1 Additional advice**

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4.2 Inhalation

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4.3 Skin contact

Rinse with water.

4.4 Eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

4.5 Ingestion

Consult a physician.

5. FIRE-FIGHTING MEASURES**5.1 Suitable extinguishing media**water, carbon dioxide (CO₂), dry powder, foam

5.2 Extinguishing media which must not be used for safety reasons

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6. ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions**

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6.2 Environmental precautions

Should not be released into the environment.

6.3 Methods for cleaning up

Flush with plenty of water. Neutralise with acid.

7. HANDLING AND STORAGE**7.1 Handling**

Avoid dust formation.

7.2 Storage

Keep in a dry place. Keep tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**8.1 Exposure Limit Values****8.2 Exposure controls****8.2.1 Occupational exposure controls**

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8.2.1.1 Respiratory protection

No personal respiratory protective equipment normally required.

8.2.1.2 Hand protection

rubber or plastic gloves

8.2.1.3 Eye protection

Avoid contact with eyes.

8.2.1.4 Skin and body protection

protective suit

9. PHYSICAL AND CHEMICAL PROPERTIES**9.1 General Information (appearance, odour)**

powder white

9.2 Important Health Safety and Environmental Information**9.2.1 pH** 14 (saturated solution)**9.2.2 Boiling point/range** -**9.2.3 Flash point** -**9.2.5 Explosive properties** -**9.2.5.1 Lower explosion limit** -**9.2.5.2 Upper explosion limit** -**9.2.7 Vapour pressure** -**9.2.8 Relative density** 1100 g/dm³**9.2.9 Solubility****9.2.9.1 Water solubility** totally soluble**9.2.9.2 Fat solubility (solvent - oil to be specified)**

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9.2.10 Partition coefficient (n-octanol/water)

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10. STABILITY AND REACTIVITY**10.1 Conditions to avoid**

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10.3 Hazardous decomposition products

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11. TOXICOLOGICAL INFORMATION

- 11.1 Acute toxicity**
LD50/oral/rat =1300 mg/kg sodium metasilicate
- 11.2 Irritation and corrosion**
Alkaline solution causes necrosis to tissue.
- 11.3 Sensitisation**
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- 11.5 Human experience**
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12. ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity effects**
- 12.1.1 Aquatic toxicity**
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- 12.1.2 Toxicity to other organisms**
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- 12.2 Mobility**
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- 12.3 Persistence and degradability**
- 12.3.1 Biological degradability**
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- 12.3.2 Chemical degradation**
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- 12.4 Bioaccumulative potential**
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13. DISPOSAL CONSIDERATIONS

Solutions with high pH-value must be neutralized before discharge. Can be landfilled, when in compliance with local regulations.

14. TRANSPORT INFORMATION

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|--|-------------------------------------|
| 14.1 UN-No | UN3253 |
| 14.2 Packing group | III |
| 14.3 Land transport | |
| 14.3.1 ADR/RID | 8,III |
| 14.3.2 Risk code | 80 |
| 14.3.3 Description of the goods | NATRIUMMETASILIKAATTIPENTAHYDRAATTI |
| 14.3.4 Further Information | K16 |
| 14.4 Sea transport | |
| 14.4.1 IMDG | IMO 8 |
| 14.4.2 Proper technical name | DISODIUM TRIOXOSILICATE |
| 14.4.2.2 EmS | - |
| 14.4.2.3 Packing group | PG III |
| 14.4.2.4 Marine pollutant | - |
| 14.4.2.6 IMO-Labels | Corrosive 8 |
| 14.4.3 Further Information | Cefic 80G09 |

15. REGULATORY INFORMATION

- 15.1 Information on the warning label**
- 15.1.1 Letter code of the warning symbol and indications of danger for the preparation**
C Corrosive
- 15.1.2 Names of the ingredients given on the warning label**
Disodium metasilicate

15.1.3 R-phrases)

R34 Causes burns.

15.1.4 S-phrases)

S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

16. OTHER INFORMATION

16.1 Text of R phrases mentioned in Section 2

R34 Causes burns.
R37 Irritating to respiratory system.

16.2 Training advice

Look at label or leaflet.

16.4 Further Information

Registered office and domicile: Farnos Oy., Lasikuja 2, FI-02780 ESPOO

16.5 Literary reference

Sax, Lewis : "Dangerous properties of Industrial materials"
Safety Data Sheets of rawmaterials.
STMa 509/2005

16.6 Additions, Deletions, Revisions

The registered company has been changed.