

MATERIAL SAFETY DATA SHEET H2-FLUX

according to directive 91/155/EEC

Date of print : 23.10.2007

1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

Identification of the preparation :

Name : H2-FLUX

Use: FLUX

Identification of the producer :

Company :

2. COMPOSITION/INFORMATION ON INGREDIENTS

Dangerous components: 1,9 % , Sodiumfluoride (NaF), toxic , CAS Nr. 7681-49-4

3. HAZARDS IDENTIFICATION

Do not swallow. Mixed with acid toxic gases are produced.

4. FIRST AID MEASURES

In case of inhalation :

Remove from contaminated area to fresh air. In case of sickness consult a physician.

In case of eye contact :

Wash immediately with a lot of water including underneath the eyelashes during at least 15 minutes. If irritation continues, call an ophthalmologist.

In case of skin contact :

Wash thoroughly with water and soap. If irritation continues, call a physician.

In case of ingestion :

Do not cause vomiting without advice of a physician. Danger of aspiration. Call a physician.

5. FIRE FIGHTING MEASURES

No particular precautions.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions :

Assure adequate ventilation. Evacuate all sources of ignition.

Environmental precautions :

Keep away from drains. If released in a river, inform local authorities.

Methods for cleaning :

Collect with absorbents and treat as special waste.

7. HANDLING AND STORAGE

Handling :

Do not bring in contact with acids. Avoid contact with eyes and skin. Do not ingest. Do not eat, drink or smoke during use. To be used in well ventilated areas.

Storage :

Keep in a locked area. Store at room temperature in original containers.
Keep away from children. Do not store together with food.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure control limits :

No particular precautions.

Hand protection :

No particular precautions.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	liquid
Coulour:	yellow-green
Odor:	odorless
Flash point :	n.a.
Limit of explosion:	n.a.
Density 20°C:	1.2 g/cm ³
Solubility in water :	100%
pH-value:	ca. 8

10. STABILITY AND REACTIVITY

Conditions to be avoided:	Temperatures above 1200°C
Substances to be avoided:	Acids and acidic salts
Dangerous decomposition products	Exept in contact with acids

11. TOXICOLOGICAL INFORMATION

NaF : lethal dose	50-500 mg/kg
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12. ECOLOGICAL INFORMATION

Do not spill in drains.

13. DISPOSAL CONSIDERATIONS

Disposal as special waste according to local and national regulations.

14. TRANSPORT INFORMATION

NaFin powder form :

ADR/RID/SDR: Kl. 6.1/63c.

UN-Nr.: 1690

Technical designation : Natriumfluorid

Packing group 3

EmS : 6.1.04

MFAG: 750.

15. REGULATORY INFORMATION

Symbol(s):

Xn – harmful

Risk sentence(s):

R65 Harmful, can cause lung damage

Safety sentence(s):

S 2 Keep away from children

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S 51 Use only in well-ventilated areas.

16. OTHER INFORMATION

Recommended use: for industrial use only

Since we do not know the working conditions of the user, the data given in this material safety data sheet are based on the state of our knowledge and on national and EEC regulations.

The product must not be used for other purposes than mentioned in chapter 1, without having received written instructions from us beforehand.

It remains the user's responsibility to take all the required measures to comply with local laws and regulations.

The information given in this sheet must be regarded as a description of safety requirements in relation with our product. It is not a guarantee of its properties.
