

SAFETY DATA SHEET

According to Regulation (EC) No. 453/2010

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: **FLOFOAM™ S 15**

Type of product: Mixture

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Processing aid for industrial applications.

Uses advised against: All non-professional uses.

1.3. Details of the supplier of the safety data sheet

Company: SNF SAS
ZAC de Milieux
Andrézieux - 42163
France

Telephone: +33 (0)4 77 36 86 00

Telefax: +33 (0)4 77 36 87 18

E-mail address: sds@snf.fr

1.4. Emergency telephone number

24-hour emergency number: +33 (0)4 77 86 87 25

National Poison Information Service: NHS Direct: 0845 4647 or 111 (24/24, 7/7); Scotland: NHS 24 - 08454 24 24 24 (24/24, 7/7)

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

Classification according to Directive 1999/45/EC: Not classified.

2.2. Label elements

Labelling according to Directive 1999/45/EC:

Symbol(s): None.

Indication of danger: None.

Risk phrase(s): None.

Safety phrase(s): None.

Additional elements: None.

2.3. Other hazards

Spills produce extremely slippery surfaces.

PBT and vPvB assessment:

Does not fulfil the criteria according to Annex XIII of REACH.

SECTION 3. Composition/information on ingredients

3.1 Substances

This product is not a substance.

3.2 Mixtures

This product is a mixture.

Hazardous components

Contains no reportable hazardous substances.

SECTION 4. First aid measures

4.1. Description of first aid measures

Inhalation:

If inhaled, remove to fresh air. Get medical attention if symptoms appear.

Skin contact:

Remove soaked clothing immediately and wash affected skin with soap and water.

Eye contact:

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get prompt medical attention.

Ingestion:

Do NOT induce vomiting. Rinse mouth. Call a physician immediately.

4.2. Most important symptoms and effects, both acute and delayed

None reasonably foreseeable.

4.3. Indication of any immediate medical attention and special treatment needed.

None reasonably foreseeable.

SECTION 5. Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Carbon dioxide (CO₂). Water spray. Foam. Dry powder.

Unsuitable extinguishing media:

High volume water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products:

Thermal decomposition may produce: nitrogen oxides (NO_x), carbon oxides (CO_x).

5.3. Advice for fire-fighters

Protective measures:

Wear full protective clothing and self-contained breathing apparatus.

Other information:

Do not allow run-off from fire fighting to enter drains or water courses. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions:

Spills produce extremely slippery surfaces.

Protective equipment:

Wear suitable protective clothing, gloves and eye/face protection.

Emergency procedures:

Keep people away from spill/leak.

6.2. Environmental precautions

As with all chemical products, do not flush into surface water. Try to prevent the material from entering drains or water courses. If the product contaminates rivers and lakes or drains inform respective authorities.

6.3. Methods and material for containment and cleaning up

Use a non-combustable material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

Small spills:

Soak up with inert absorbent material.

Large spills:

Soak up with inert absorbent material. Prevent product from entering drains.

Residues:

Keep in suitable, closed containers for disposal.

6.4. Reference to other sections

Section 7 - Handling and Storage, Section 8 - Exposure Controls/ Personal Protection, Section 13 - Disposal considerations.

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Use personal protective equipment. Wash hands before eating, drinking, or smoking. Wash hands before breaks and at the end of workday. Wash contaminated clothing before reuse.

7.2. *Conditions for safe storage, including any incompatibilities.*

Keep in a dry, cool and well-ventilated place. Keep away from sources of ignition - No smoking. Incompatible with oxidizing agents.

7.3. *Specific end use(s)*

None.

SECTION 8. Exposure controls/personal protection

8.1. *Control parameters*

National occupational exposure limits:

None.

Derived No and Minimum Effect Levels (DNELs/DMELs)

None.

Predicted no-effect concentrations (PNECs)

None.

8.2. *Exposure controls*

Appropriate engineering controls:

Ensure adequate ventilation.

Individual protection measures, such as personal protective equipment:

a) Eye/face protection:

Safety glasses with side-shields.

b) Skin protection:

Protective suit.

i) Hand protection:

For prolonged or repeated contact use protective gloves.

c) Respiratory protection:

No personal respiratory protective equipment normally required. Use with adequate ventilation. Do not breathe vapor or mist.

d) Additional advice:

Wash hands before breaks and at the end of workday. Wash hands before eating, drinking, or smoking. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls:

Do not allow uncontrolled discharge of product into the environment.

SECTION 9. Physical and chemical properties

9.1. *Information on basic physical and chemical properties*

a) Appearance:

Viscous liquid.

b) Odour:	Slight.
c) Odour Threshold:	No data available.
d) pH:	No data available.
e) Melting point/freezing point:	No data available.
f) Initial boiling point and boiling range:	No data available.
g) Flash point:	> 100°C
h) Evaporation rate:	No data available.
i) Flammability (solid, gas):	Not applicable.
j) Upper/lower flammability or explosive limits:	No data available.
k) Vapour pressure:	No data available.
l) Vapour density:	No data available.
m) Relative density:	0.9 - 1.1
n) Solubility(ies):	Insoluble in water.
o) Partition coefficient:	No data available.
p) Autoignition temperature:	No data available.
q) Decomposition temperature:	No data available.
r) Viscosity:	See Technical Bulletin.
s) Explosive properties:	No data available.
t) Oxidizing properties:	No data available.

9.2. Other information

None.

SECTION 10. Stability and reactivity

10.1. Reactivity

Stable at normal conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use. Hazardous polymerisation does not occur.

10.4. Conditions to avoid

Avoid extremes of temperature. Incompatible with oxidizing agents.

10.5. Incompatible materials

Incompatible with oxidizing agents.

10.6. Hazardous decomposition products

Thermal decomposition may produce: nitrogen oxides (NO_x), carbon oxides (CO_x).

SECTION 11. Toxicological information

11.1. Information on toxicological effects

Information on the product as supplied:

Acute oral toxicity:	LD50/oral/rat > 2000 mg/kg
Acute dermal toxicity:	LD50/dermal/rat > 2000 mg/kg
Acute inhalation toxicity:	The product is not expected to be toxic by inhalation.
Skin corrosion/irritation:	No skin irritation.
Serious eye damage/eye irritation:	Not irritating.
Respiratory/skin sensitisation:	Not sensitizing.
Mutagenicity:	Not mutagenic.
Carcinogenicity:	Not carcinogenic.
Reproductive toxicity:	Not toxic for reproduction.
STOT - single exposure:	No known effects.
STOT - repeated exposure:	No known effects.
Aspiration hazard:	No hazards resulting from the material as supplied.

SECTION 12. Ecological information

12.1. Toxicity

Information on the product as supplied:

Acute toxicity to fish:	No data available.
Acute toxicity to invertebrates:	No data available.
Acute toxicity to algae:	No data available.
Chronic toxicity to fish:	No data available.
Chronic toxicity to invertebrates:	No data available.
Toxicity to microorganisms:	No data available.
Effects on terrestrial organisms:	No data available.

Sediment toxicity: No data available.

12.2. Persistence and degradability

Information on the product as supplied:

Degradation: No data available.

Hydrolysis: No data available.

Photolysis: No data available.

12.3. Bioaccumulative potential

Information on the product as supplied:

No data available.

Partition co-efficient (Log Pow): No data available.

Bioconcentration factor (BCF): No data available.

12.4. Mobility in soil

Information on the product as supplied:

No data available.

12.5. Results of PBT and vPvB assessment

PBT assessment:

Does not fulfill the criteria according to Annex XIII of REACH.

vPvB assessment:

Does not fulfill the criteria according to Annex XIII of REACH.

12.6. Other adverse effects

None known.

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Waste from residues / unused products:

Dispose of in accordance with local regulations.

Contaminated packaging:

Dispose of in accordance with local regulations.

Recycling:

Reuse or recycle container after thorough cleaning.

SECTION 14. Transport information

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Land transport (ADR/RID)

Not classified as dangerous in the meaning of transport regulations.

Sea transport (IMDG)

Not classified as dangerous in the meaning of transport regulations.

Air transport (IATA)

Not classified as dangerous in the meaning of transport regulations.

SECTION 15. Regulatory information*15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture*

All components of this product have been registered or pre-registered with the European Chemicals Agency or are exempt from registration.

15.2. Chemical safety assessment

A Chemical Safety Assessment for this product has been carried out by the person responsible for producing this Safety Data Sheet. All relevant information used to conduct this assessment are included in this Safety Data Sheet as well any as any resulting Risk Reduction Measures.

SECTION 16. Other information

This data sheet contains changes from the previous version in section(s):

SECTION 1. Identification of the substance/mixture and of the company/undertaking, SECTION 2. Hazards identification, SECTION 3. Composition/information on ingredients, SECTION 4. First aid measures, SECTION 5. Fire-fighting measures, SECTION 6. Accidental release measures, SECTION 7. Handling and storage, SECTION 8. Exposure controls/personal protection, SECTION 9. Physical and chemical properties, SECTION 10. Stability and reactivity, SECTION 11. Toxicological information, SECTION 12. Ecological information, SECTION 13. Disposal considerations, SECTION 14. Transport information, SECTION 15. Regulatory information, SECTION 16. Other Information.

Key or legend to abbreviations and acronyms used in the safety data sheet:

None.

Training advice:

Do not handle until all safety precautions have been read and understood

This MSDS was prepared in accordance with the following:

Regulation (EU) No. 453/2010

Regulation (EC) No. 1907/2006

Regulation (EC) No. 1272/2008

Revision Number: 14.01

DEFM001

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

ANNEX(ES)

This product is not hazardous as supplied and does not contain:

- hazardous components which require REACH registration; or,
- demonstrate relevant effects which would require a chemical safety assessment; or,
- are present at concentrations above their cut-off value.

Therefore, according to Regulation (EC) No 1907/2006, Article 31, paragraph 7, an Exposure Scenario is not required as an annex to the Safety Data Sheet.