

# SAFETY DATA SHEET

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020

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

### 1.1. Product identifier

Product name: **FLOFOAM™ 681 F**

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. Defoamer.

Uses advised against: All non-professional uses.

### 1.3. Details of the supplier of the safety data sheet

Company: SNF (UK) Limited  
1 Red Hall Crescent, Paragon Business Village  
Wakefield WF1 2DF  
United Kingdom

Telephone: 01924-311000

Telefax: 01924-311099

E-mail address: sds@snf.com

### 1.4. Emergency telephone number

24-hour emergency number: +33 477 36 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 Regulation (EC) No.1272/2008:

Not classified.

### 2.2. Label elements

Labelling according to Regulation (EC) 1272/2008:

Hazard pictogram(s): None.

Signal word: None.

*Hazard statement(s):* None.

*Precautionary statement(s):* None.

*Additional elements:* None.

### 2.3. Other hazards

Spills produce extremely slippery surfaces.

#### *PBT and vPvB assessment:*

Not PBT or vPvB according to the criteria of Annex XIII of REACH.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable, this product is a mixture.

### 3.2. Mixtures

#### Hazardous components

Contains no reportable hazardous substances.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### *Inhalation:*

Move to fresh air. Get medical attention if symptoms appear.

#### *Skin contact:*

Remove contaminated clothing and shoes. Wash off with soap and water.

#### *Eye contact:*

Rinse with plenty of water. Get medical attention if irritation develops and persists.

#### *Ingestion:*

Do NOT induce vomiting. If possible drink milk afterwards. Get medical attention if symptoms occur. If large quantities of this material are swallowed, call a physician immediately.

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

None under normal use.

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

None reasonably foreseeable.

#### *Other information:*

None.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

*Suitable extinguishing media:*

Carbon dioxide (CO<sub>2</sub>). Foam. Dry chemical. Water spray.

*Unsuitable extinguishing media:*

None known.

*5.2. Special hazards arising from the substance or mixture**Hazardous decomposition products:*

Thermal decomposition may produce: carbon oxides (CO<sub>x</sub>).

*5.3. Advice for firefighters**Protective measures:*

Wear self contained breathing apparatus for fire fighting if necessary.

*Other information:*

Cool closed containers exposed to fire with water spray. Spills produce extremely slippery surfaces.

SECTION 6: Accidental release measures*6.1. Personal precautions, protective equipment and emergency procedures**Personal precautions:*

Do not touch or walk through spilled material. Spills produce extremely slippery surfaces.

*Protective equipment:*

Wear adequate personal protective equipment (see Section 8 Exposure Controls/Personal Protection).

*Emergency procedures:*

Keep people away from spill/leak. Prevent further leakage or spillage if safe to do so.

*6.2. Environmental precautions*

Do not allow contact with soil, surface or ground water. Do not empty into drains.

*6.3. Methods and material for containment and cleaning up*

Prevent further leakage or spillage if safe to do so.

*Small spills:*

Soak up with inert absorbent material.

*Large spills:*

Dam up. Soak up with inert absorbent material.

*Residues:*

After cleaning, flush away traces with water.

*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*

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes.

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

Keep in a dry, cool and well-ventilated place. The recommended storage temperature is 5 - 30°C. Keep away from sources of ignition - No smoking. Incompatible with oxidizing agents.

### 7.3. Specific end use(s)

This information is not available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### *National occupational exposure limits:*

None known.

#### *Derived No and Minimum Effect Levels (DNELs/DMELs)*

None known.

#### *Predicted no-effect concentrations (PNEC)*

None known.

### 8.2. Exposure controls

#### *Appropriate engineering controls:*

Use local exhaust if misting occurs. Natural ventilation is adequate in absence of mists.

#### *Individual protection measures, such as personal protective equipment:*

##### *a) Eye/face protection:*

Safety glasses with side-shields. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

##### *b) Skin protection:*

*i) Hand protection:* PVC or other plastic material gloves. Be aware that liquid may permeate gloves, frequent change is advised. Suitable gloves can be recommended by the glove supplier. The selected protective gloves have to satisfy the specifications of EU Directive 89/689/EEC and the standard EN 374 derived from it.

*ii) Other:* Chemical resistant apron or protective suit if splashing or repeated contact with solution is likely. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

##### *c) Respiratory protection:*

No personal respiratory protective equipment normally required. Breathing apparatus needed only when aerosol or mist is formed. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

##### *d) Additional advice:*

Wash hands after handling. Wash hands before breaks and at the end of workday. 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:	clear, Colorless to slightly yellowish, Liquid.
b) Odour:	Mild Characteristic
c) Odour Threshold:	Not applicable.
d) pH:	No data available.
e) Melting point/freezing point:	No data available.
f) Initial boiling point and boiling range:	> 250°C
g) Flash point:	> 100°C
h) Evaporation rate:	No data available.
i) Flammability (solid, gas):	Not applicable.
j) Upper/lower flammability or explosive limits:	Not applicable.
k) Vapour pressure:	No data available.
l) Vapour density:	No data available.
m) Relative density:	0.9 - 1.1 @ 20°C (See Technical Bulletin or Product Specifications for a more precise value, if available)
n) Solubility(ies):	Completely miscible.
o) Partition coefficient:	No data available.
p) Autoignition temperature:	Not applicable.
q) Decomposition temperature:	No data available.
r) Viscosity:	See Technical Bulletin.
s) Explosive properties:	Not applicable.
t) Oxidizing properties:	Not applicable.

## 9.2. Other information

None.

SECTION 10: Stability and reactivity

## 10.1. Reactivity

No dangerous reaction known under conditions of normal use.

## 10.2. Chemical stability

Stable under normal conditions. Stable under recommended storage conditions.

### 10.3. Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

Keep away from heat and sources of ignition.

### 10.5. Incompatible materials

Oxidizing agents (strong).

### 10.6. Hazardous decomposition products

Thermal decomposition may produce: carbon oxides (CO<sub>x</sub>).

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Information on the product as supplied:

Acute oral toxicity:	no data available.
Acute dermal toxicity:	No data available.
Acute inhalation toxicity:	No data available.
Skin corrosion/irritation:	The product is not expected to be irritating to skin and mucous membranes.
Serious eye damage/eye irritation:	May cause slight temporary eye irritation with susceptible persons.
Respiratory/skin sensitisation:	No data available.
Mutagenicity:	No data available.
Carcinogenicity:	No data available.
Reproductive toxicity:	No data available.
STOT - Single exposure:	No data available.
STOT - Repeated exposure:	No data available.
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:	LC50/Fish/96 hours > 1000 mg/L (Estimated)
Acute toxicity to invertebrates:	No data available.
Acute toxicity to algae:	no data available.

<i>Chronic toxicity to fish:</i>	No data available.
<i>Chronic toxicity to invertebrates:</i>	No data available.
<i>Toxicity to microorganisms:</i>	No data available.
<i>Effects on terrestrial organisms:</i>	no data available.
<i>Sediment toxicity:</i>	No data available.

### 12.2. Persistence and degradability

#### Information on the product as supplied:

<i>Degradation:</i>	Not readily biodegradable.
<i>Hydrolysis:</i>	No data available.
<i>Photolysis:</i>	No data available.

### 12.3. Bioaccumulative potential

#### Information on the product as supplied:

The product is not expected to bioaccumulate.

### 12.4. Mobility in soil

#### Information on the product as supplied:

No data available.

### 12.5. Results of PBT and vPvB assessment

#### *PBT assessment:*

Not PBT according to the criteria of Annex XIII of REACH.

#### *vPvB assessment:*

Not vPvB according to the criteria of 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 in accordance with local and national regulations. Can be landfilled or incinerated, when in compliance with local regulations.

Contaminated packaging:

Dispose in accordance with local and national regulations. If recycling is not practicable, dispose of in compliance with local regulations.

Recycling:

In accordance with local and national regulations.

SECTION 14: Transport informationLand transport (ADR/RID)

Not classified.

Sea transport (IMDG)

Not classified.

Air transport (IATA)

Not classified.

SECTION 15: Regulatory information15.1. 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 informationThis 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:Acronyms

PBT = persistent, bioaccumulative and toxic

STOT = Specific target organ toxicity

vPvB = very persistent and very bioaccumulative

Training advice:



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

*This SDS was prepared in accordance with the following:*

Regulation (EC) N°1907/2006, as amended  
Regulation (EC) N°1272/2008, as amended

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DEFM132

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. The data in this Material Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. This information is based upon technical information believed to be reliable. It is subject to revision as additional knowledge and experience is gained.

### ANNEX(ES)

This product is not hazardous as supplied and/or does not contain hazardous components:

- which require REACH registration; or,
- which demonstrate relevant effects which would require a chemical safety assessment; or,
- which 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.