SAFETY DATA SHEET

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

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

1.1. Product identifier

Product name: **FLOFOAM™ 139 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: regs@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:
This information is not available.

SECTION 3: Composition/information on ingredients

3.1. Substances
Not applicable, this product is a mixture.

3.2. Mixtures

Hazardous components

Petroleum distillates, solvent dewaxed heavy paraffinic

Concentration/ -range:	< 30%
EC-No.:	265-169-7
REACH Registration Number:	01-2119471299-27-XXXX
Classification according to Regulation (EC) No.1272/2008:	Not classified as hazardous but subject to occupational exposure limit.

Distillates (petroleum), hydrotreated light

Concentration/ -range:	< 30%
EC-No.:	265-149-8
Classification according to Regulation (EC) No.1272/2008:	Asp. Tox. 1;H304

Notes:
Does not result in classification of the mixture if the kinematic viscosity is greater than 20.5 mm²/s measured at 40°C.

For explanation of abbreviations see section 16

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. Get medical attention if irritation develops and persists.

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 thoroughly with water and give large amounts of milk or water if person is conscious. Get medical attention.

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

Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.

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:
Water. Water spray. Foam. Carbon dioxide (CO2). 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: carbon oxides (COx).

5.3. Advice for firefighters

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. Spills produce extremely slippery surfaces.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions:
Avoid contact with skin and eyes. 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

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

Small spills:
Do not flush with water.Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

Large spills:
Do not flush with water. Prevent product from entering drains. Dam up. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

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

Avoid contact with the skin and the eyes. Use personal protective equipment. Wash hands before eating, drinking, or smoking.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from sources of ignition - No smoking. Avoid extremes of temperature. Freezing will affect the physical condition and may damage the material. The recommended storage temperature is 5 - 30°C.
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)

Petroleum distillates, solvent dewaxed heavy paraffinic

Workers:

Long-term systemic effects:

Inhalation	2.7 mg/m^3
Skin contact	1 mg/kg/day

Long-term local effects:

Inhalation	5.6 mg/m^3

Consumer:

Long-term systemic effects:

Ingestion	0.74 mg/kg/day

Long-term local effects:

Inhalation	1.2 mg/m^3

Predicted no-effect concentrations (PNEC)

Petroleum distillates, solvent dewaxed heavy paraffinic

Oral (secondary poisoning):	9.33 mg/kg

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: For prolonged or repeated contact use protective 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: Protective suit. 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. In case of insufficient ventilation wear suitable respiratory equipment. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). 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 breaks and immediately after handling the product. 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:	Amber, Liquid.
b) Odour:	Characteristic
c) Odour Threshold:	No data available.
d) pH:	Not applicable.
e) Melting point/freezing point:	No data available.
f) Initial boiling point and boiling range:	> 200°C
g) Flash point:	> 75°C
h) Evaporation rate:	No data available.
i) Flammability (solid, gas):	Not applicable.
j) Upper/lower flammability or explosive limits:	LEL: 0.6% v/v, UEL: 8% v/v.
k) Vapour pressure:	No data available.
l) Vapour density:	No data available.
m) Relative density:	0.8 - 1.0 @ 20°C (See Technical Bulletin or Product Specifications for a more precise value, if available)
n) Solubility(ies):	Dispersible in water
o) Partition coefficient:	No data available.
p) Autoignition temperature:	> 200°C
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

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.

10.4. Conditions to avoid

Keep away from heat and sources of ignition.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Thermal decomposition may produce: carbon oxides (COx).

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 (Estimated)
Acute dermal toxicity:	The product is not expected to be toxic in contact with the skin.
Acute inhalation toxicity:	The product is not expected to be toxic by inhalation.
Skin corrosion/irritation:	The product is not expected to be irritating.
Serious eye damage/eye irritation:	The product is not expected to be irritating.
Respiratory/skin sensitisation:	The product contains a small amount of sensitising substances which may provoke an allergic reaction among sensitive individuals in contact with skin.
Mutagenicity:	Based on available data, product is not expected to be mutagenic.
Carcinogenicity:	Based on available data, product is not expected to be carcinogenic.
Reproductive toxicity:	Based on available data, product is not expected to be toxic for reproduction.
STOT - Single exposure:	No known effects.

STOT - Repeated exposure: No known effect.

Aspiration hazard: Due to the viscosity, this product does not present an aspiration hazard.

Relevant information on the hazardous components:

Petroleum distillates, solvent dewaxed heavy paraffinic

Acute oral toxicity: LD50/oral/rat > 5000 mg/kg (OECD 401)

Acute dermal toxicity: LD50/dermal/rabbit > 5000 mg/kg (OECD 402)

Acute inhalation toxicity: LC50/inhalation/4 hours/rat > 5000 mg/m³ (aerosol / mist) (OECD 403)

Skin corrosion/irritation: Not irritating. (OECD 404)

Serious eye damage/eye irritation: Not irritating. (OECD 405)

Respiratory/skin sensitisation: Not sensitizing. (OECD 406)

Mutagenicity: By analogy with similar products, this product is not expected to to be mutagenic. (OECD 471, 473, 474, 476)

Carcinogenicity: By analogy with similar substances, this substance is not expected to be carcinogenic.

Reproductive toxicity: By analogy with similar substances, this substance is not expected to be toxic for reproduction. (OECD 414, 421)

STOT - Single exposure: No known effects.

STOT - Repeated exposure: By analogy with similar products, this product is not expected to demonstrate chronic toxic effects. (OECD 408, 410, 411, 412, 453)

Aspiration hazard: Due to the viscosity, this product does not present an aspiration hazard.

Distillates (petroleum), hydrotreated light

Acute oral toxicity: LD50/oral/rat > 5000 mg/kg (OECD 401)

Acute dermal toxicity: LD50/dermal/rabbit > 5000 mg/kg (OECD 402)

Acute inhalation toxicity: LC50/inhalation/4 hours/rat = 4951 mg/m³ (OECD 403)

Skin corrosion/irritation: Not irritating. (OECD 404)

Serious eye damage/eye irritation:	Not irritating. (OECD 405)
Respiratory/skin sensitisation:	By analogy with similar products, this product is not expected to be sensitizing. (OECD 406)
Mutagenicity:	Not mutagenic. (OECD 471, 473, 474, 476, 478, 479)
Carcinogenicity:	Carcinogenicity study in rats (OECD 451): Negative.
Reproductive toxicity:	By analogy with similar substances, this substance is not expected to be toxic for reproduction. NOAEL/rat = 300 ppm. (OECD 421)
STOT - Single exposure:	No known effects.
STOT - Repeated exposure:	No known effect.
Aspiration hazard:	May be fatal if swallowed and enters airways.

SECTION 12: Ecological information

12.1. Toxicity

Information on the product as supplied:

Acute toxicity to fish:	LC50/Fish/96 hours > 100 mg/L (Estimated)
Acute toxicity to invertebrates:	EC50/Daphnia magna/48 hours > 100 mg/L (Estimated)
Acute toxicity to algae:	IC50/Algae/72 hours > 100 mg/L (Estimated)
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.

Relevant information on the hazardous components:

Petroleum distillates, solvent dewaxed heavy paraffinic

Acute toxicity to fish:	NOEC/Pimephales promelas/96 hours = 100 mg/L (OECD 203)
Acute toxicity to invertebrates:	NOEC/Daphnia magna/48 hours = 10000 mg/L (OECD 202)
Acute toxicity to algae:	NOEC/Pseudokirchneriella subcapitata/72 hours = 100 mg/L (OECD 201)

Chronic toxicity to fish: NOEC/Oncorhynchus mykiss/14 days = 1000 mg/L (Estimated)

Chronic toxicity to invertebrates: NOEC/Daphnia magna/21 days = 10 mg/L (OECD 211)

Toxicity to microorganisms: No data available.

Effects on terrestrial organisms: no data available.

Sediment toxicity: No data available.

Distillates (petroleum), hydrotreated light

Acute toxicity to fish: LC0/Oncorhynchus mykiss/96 hours > 1000 mg/L (OECD 203)

Acute toxicity to invertebrates: EC0/Daphnia magna/48 hours > 1000 mg/L (OECD 202)

Acute toxicity to algae: IC0/Pseudokirchneriella subcapitata/72 hours > 1000 mg/L (OECD 201)

Chronic toxicity to fish: NOEC/Oncorhynchus mykiss/28 days > 1000 mg/L

Chronic toxicity to invertebrates: NOEC/Daphnia magna/21 days > 1000 mg/L

Toxicity to microorganisms: EC50/Tetrahymena pyriformis/ 48h > 1000 mg/L.

Effects on terrestrial organisms: no data available.

Sediment toxicity: No data available.

12.2. Persistence and degradability

Information on the product as supplied:

Degradation: Expected to be biodegradable.

Hydrolysis: Does not hydrolyse.

Photolysis: No data available.

Relevant information on the hazardous components:

Petroleum distillates, solvent dewaxed heavy paraffinic

Degradation: Inherently biodegradable. 31.13 % / 28 days (OECD 301 F)

Hydrolysis: Does not hydrolyse.

Photolysis: No data available.

Distillates (petroleum), hydrotreated light

Degradation: Readily biodegradable.

Hydrolysis: Does not hydrolyse.

Photolysis: No data available.

12.3. Bioaccumulative potential

Information on the product as supplied:

Partition co-efficient (Log Pow): > 3.9

Bioconcentration factor (BCF): No data available.

Relevant information on the hazardous components:

Petroleum distillates, solvent dewaxed heavy paraffinic

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

Bioconcentration factor (BCF): No data available.

Distillates (petroleum), hydrotreated light

Partition co-efficient (Log Pow): 3 - 6

Bioconcentration factor (BCF): No data available.

12.4. Mobility in soil

Information on the product as supplied:

No data available.

Relevant information on the hazardous components:

Petroleum distillates, solvent dewaxed heavy paraffinic

Koc: No data available.

Distillates (petroleum), hydrotreated light

Koc: No data available.

12.5. Results of PBT and vPvB assessment

PBT assessment:
No data available.

vPvB assessment:
No data available.

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:

If recycling is not practicable, dispose of in compliance with local regulations. Can be landfilled or incinerated, when in compliance with local and national regulations.

Recycling:

In accordance with local and national regulations.

SECTION 14: Transport information

Land transport (ADR/RID)

Not classified.

Sea transport (IMDG)

Not classified.

Air transport (IATA)

Not classified.

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

This information is not available.

SECTION 16: Other information

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:

Acronyms
PBT = persistent, bioaccumulative and toxic
STOT = Specific target organ toxicity
vPvB = very persistent and very bioaccumulative

Abbreviations
Asp. Tox. 1 = Aspiration hazard, Hazard Category 1

Hazard statements
H304 - May be fatal if swallowed and enters airways

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

Version: 21.01.a

DEFM133

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.