Version 04 Revised 08.26.2025

Safety Data Sheet

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

1.1 Product identifier

FluoSurf™ C

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

Laboratory Chemical

1.3 Details of the supplier of the safety data sheet

Emulseo
Parc AMPeRIS, Bâtiment BAYA, 8 rue Adrienne Bolland
33600 Pessac
France
contact@emulseo.com

1.4 Emergency telephone number

In case of emergency: +33(0) 535 541 006

Section 2: Hazards identification

2.1 Classification of the substances or mixture

Classification according to regulation (EC) no. 1272/2008 [CLP/GHS]
Not Classified

2.2 Label elements

Not applicable

2.3 Other hazards

No known hazards. However, the product must be used in accordance with instructions for use

Section 3: Composition

3.1 Substances

Type: polyhexafluoropropylene oxide-*block*-polypropylene glycol-*block*-polyethylene glycol-*block*-polypropylene glycol-*block*-polyhexafluoropropylene oxide
No.-CAS: None
No.-EC: None

3.2 Mixtures

Not applicable

Section 4: First aid measures

4.1 Description of the first aid measures

EYE CONTACT: Rinse cautiously with water for several minutes. Remove contact lenses if

present and easy to do so. Seek medical attention if irritation arises.
INHALATION: Product is non-volatile and og high viscosity
SKIN CONTACT: Wash with soap and water. If irritation or rash develops, seek medical attention.
INGESTION: If swallowed, DO NOT INDUCE VOMITING. May enter airways. Rinse mouth
with water and drink cup of water. If continued discomfort, seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

EYE CONTACT: No known symptoms
INHALATION: No known symptoms
EYES: Discomfort if first aid not administrated
INGESTION: Mild discomfort and possible reaction such as itching or redness

4.3 Indication of any immediate medical attention and special treatments needed

Dilute affects area. No special medical treatment needed

Section 5: Firefight measures

5.1 Extinguishing media

Product will not support combustion
Carbon dioxide, water spray, dry chemical for small fires, foam or water spray for large fire

5.2 Special hazards arising from substances or mixture

None

5.3 Advice for fire fighters

No special precautions

Section 6: Accidental releases measures

6.1 Personal precautions, precaution equipement and emergency procedures

Use individual protective equipment. Use gloves resistant to fluorinated solvent.

6.2 Environmental precautions

No special precautions. Avoid release to surface water

6.3 Methods and materials for containment and clearing up

Use absorbent material and place in a suitable container for disposal. Wash area with water
and detergent

6.4 References to other sections

See section 8 fir further advice on protective equipment section and section 13 for further
advice on disposal.

Section 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with eye and skin.

7.2 Conditions for safe storage, including any incompatibilities

Keep the product in a dark dry place. Keep the container tightly close when not in use.
Moisture sensitive. Light sensitive.

7.3 Specific end uses

Use only as directed as a laboratory chemical

Section 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values
No exposure limits

8.2 Exposure controls

Engineering controls
Avoid contact with skin, eyes and clothing. Normal room ventilation is adequate
Respiratory protection
Not required for normal handling
Hand protection
Wear gloves suitable for fluorinated solvent. The gloves must be inspected prior to use.
Eye protection
Tightly fitting safety goggles
Skin protection
Handle with gloves resistant to fluorinated solvent
General hygiene considerations
Wash hands before breaks and immediately after handling the product.
Environmental exposure controls
Precautions should be taken to avoid accidental release of material to water courses.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

a) Appearance Form: clear, viscous Colour: yellow
b) Odour unpleasant
c) Odour Threshold No data available
d) pH No data available
e) Melting point/freezing point Melting point/range: No data available
f) Initial boiling point and boiling range No data available
g) Flash point No data available
h) Evaporation rate No data available
i) Flammability (solid, gas) No data available
j) Upper/lower flammability or explosive limits Upper explosion limit: No data available
k) Vapour pressure No data available
l) Vapour density No data available
m) Relative density No data available
n) Water solubility No data available
o) Partition coefficient: No data available
p) Auto-ignition temperature No data available
q) Decomposition temperature No data available
r) Viscosity No data available
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

Functionally inert

10.2 Chemical Stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

Hazardous reaction will not occur.

10.4 Conditions to avoid

No special precautions

10.5 Incompatible materials

None known

10.6 Hazardous decomposition products

None known

Section 11: Toxicology information

11.1 Information on toxicological effects

This product has not been tested. Judgements on the expected toxicity of this product have
been made based
upon consideration of its major components.
(a) acute toxicity Estimated to be of low acute toxicity. Not classified.
(b) skin corrosion/irritation Estimated to be slightly irritant to skin, but not classified.
(c) serious eye damage/irritation Estimated to be slightly irritant to eyes, but not classified.
(d) respiratory/skin sensitisation Not considered to be a potential skin sensitiser. Product nottested.
(e) germ cell mutagenicity This chemical class is not known to be mutagenic.
(f) carcinogenicity This chemical class is not known a carcinogen by IARC or U.S. ACGIH, NTP or OSHA.
(g) reproductive toxicity This chemical class is not known to be toxic for reproduction
(h) STOT-single exposure This chemical class is not considered hazardous to organs
(i) STOT-repeated exposure This chemical class is not considered hazardous to organs.
(j) aspiration hazard The solvents are of low viscosity, but not classified by supplier as Aspiration Toxic

Section 12: Ecological information

This product has not been tested. Judgements on the expected toxicity of this product have been made based upon consideration of its major components.

12.1 Toxicity

This chemical class is not known to be toxic to aquatic organisms. The extremely low water solubility and high molecular weight will make exposure to aquatic organisms unlikely.

12.2 Persistence and degradability

Not considered to be biodegradable. Will persist.

12.3 Bioaccumulative potential

Not considered to be potentially bioaccumulative due to high molecular weight.

12.4 Mobility in soil

The product will not be mobile in the environment due to high molecular weight and low water solubility.

12.5 Results of PBT and vPvB assement

The product is predicted to be persistent. It is not predicted to be bioaccumulate or toxic.

12.6 Other adverse effect

None

Section 13: Disposal consideration

13.1 Waste treatment methods

Recover and recycle product if possible. If recovery and recycling are not possible disposal to waste water treatment may be possible if in accordance with local regulations.

Section 14: Transport information

14.1 Transport information

Not hazardous for transportation

Section 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the susbtances or mixture

No specific legislation

15.2 Chemical safety assessment

A Chemical Safety Assessment has not been carried out for this product. Chemical safety
assessment has been performed on some of the components and no concerns noted in respect to the intended us of this product.

Section 16: Other information

16.1 Revision information

Version 04 Revised 01.18.2023

16.2 List of abbreviation used in the SDS

CAS Chemical Abstracts Service

CLP Classification, Labelling and Packaging Regulation (EC) no 1272/2008
DSD Dangerous Substances Directive 67/548/EEC
DPD Dangerous Preparations Directive 1999/45/EC EC European Commission
PBT Persistent, Bioaccumulative and Toxic
REACHRegistration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC)
no 1907/2006
vPvB very Persistent, very Bioaccumulative

16.3 References

16.4 Method used for classification

Consideration of starting reagents

16.5 R Phrases and H Statements used in section 2 and/or 3

16.6 Training requirements for workers

No special training requirements. For professional use only