



SAFETY DATA SHEET SURFACARE S80

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

1.1. Product identifier

Product name	SURFACARE S80
Chemical name	Sorbitan oleate
Product number	S80
CAS number	9005-67-8
EC number	215-665-4

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

Identified uses	non-ionic surfactants
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1.3. Details of the supplier of the safety data sheet

Supplier	Surfachem Ltd 2 The Embankment Sovereign Street Leeds West Yorkshire LS1 4BA United Kingdom + 44 (0)113 394 9200 + 44 (0)113 244 5910
Contact person	info@surfachem.com
EU Entity:	Banner Chemicals Benelux NV, Science Park Incubator, Darwin, Office A 212, Galileilaan 15, 2845 Niel Belgium

1.4. Emergency telephone number

Emergency telephone	+44 (0) 870 190 6777 (National Emergency Centre) +44 (0)1270 502891
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (SI 2019 No. 720)

Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified

2.2. Label elements

EC number	215-665-4
Hazard statements	NC Not Classified

2.3. Other hazards

SECTION 3: Composition/information on ingredients

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3.1. Substances

Product name	SURFACARE S80
Chemical name	Sorbitan oleate
CAS number	9005-67-8
EC number	215-665-4

3.2. Mixtures

Not applicable.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Remove person to fresh air and keep comfortable for breathing.
Ingestion	Rinse mouth thoroughly with water.
Skin contact	Remove contaminated clothing and rinse skin thoroughly with water.
Eye contact	Rinse immediately with plenty of water. Continue to rinse for at least 10 minutes. Get medical attention if irritation persists after washing.

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

Inhalation	Vapour may irritate respiratory system/lungs.
Ingestion	May cause irritation.
Skin contact	May cause skin irritation.
Eye contact	May be slightly irritating to eyes.

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

Notes for the doctor	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products	Carbon dioxide (CO ₂). Carbon monoxide (CO).
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5.3. Advice for firefighters

Protective actions during firefighting	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Avoid contact with skin and eyes. For personal protection, see Section 8. Stop leak if safe to do so. Keep unnecessary and unprotected personnel away from the spillage.
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6.2. Environmental precautions

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Environmental precautions Avoid discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Contain and absorb spillage with sand, earth or other non-combustible material. Do not discharge into drains or watercourses or onto the ground.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Provide adequate ventilation. Good personal hygiene procedures should be implemented. Avoid the formation of mists.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in a cool and well-ventilated place. Container must be kept tightly closed when not in use. Keep only in the original container. Protect from freezing and direct sunlight.

7.3. Specific end use(s)

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

No exposure limits known for ingredient(s).

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

Hand protection

Wear protective gloves. To protect hands from chemicals, wear gloves that are proven to be impervious to the chemical and resist degradation.

Other skin and body protection

Wear suitable protective clothing as protection against splashing or contamination.

Hygiene measures

Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented.

Respiratory protection

Respiratory protection may be required if excessive airborne contamination occurs.

Environmental exposure controls

Keep container tightly sealed when not in use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Liquid.

Colour

Yellow.

Odour

Characteristic.

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Flash point	267°C
Solubility(ies)	Soluble in water. Soluble in the following materials: Organic solvents.
Partition coefficient	No information available.
Auto-ignition temperature	>300°C
Viscosity	10-6 m ² /s @ 40°C
Oxidising properties	Does not meet the criteria for classification as oxidising.
Specific Gravity	

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity No data available.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None known.

10.4. Conditions to avoid

Conditions to avoid Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

Materials to avoid Oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Hazardous decomposition products Carbon dioxide (CO₂). Carbon monoxide (CO).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation

Skin corrosion/irritation Based on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation Based on available data the classification criteria are not met.

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro No data available.

Carcinogenicity

Carcinogenicity No data available.

Specific target organ toxicity - single exposure

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STOT - single exposure No data available.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure No data available.

Aspiration hazard

Aspiration hazard No adverse effects known.

Inhalation Gas or vapour may irritate the respiratory system.

Ingestion Redness. Sore throat.

Skin contact May be slightly irritating to skin.

Eye contact May be slightly irritating to eyes.

SECTION 12: Ecological information

12.1. Toxicity

12.2. Persistence and degradability

Persistence and degradability The substance is readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential Bioaccumulation is unlikely.

Partition coefficient No information available.

12.4. Mobility in soil

Mobility Soluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Disposal methods Absorb in vermiculite, dry sand or earth and place into containers. Dispose of contents/container in accordance with local regulations.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

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14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

SECTION 15: Regulatory information

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

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

Inventories

TECI

Taiwan - CSNN

SECTION 16: Other information

Revision date	07/08/2023
Revision	1
SDS number	24025

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