

SAFETY DATA SHEET

STERFLOC 907

Ref. /CA/EN

Revision Date: 05/13/2025



1. IDENTIFICATION

Product information

Product name
STERFLOC 907

Other means of identification: Aqueous solution of Polymeric Quaternary Amine.

Recommended use of the chemical and restrictions on use

Use of the Substance/Mixture

Oily Water Separation Additive.

Recommended restrictions on use

-

Supplier's details

Sterling Specialty chemicals US LLC
575N Dairy Ashford Rd,Suite 720,
Houston, TX 77079
Telephone+1 832-941-0085,
msds@sterlingspec.com

Initial Supplier Identifier
Données relatives au fournisseur

Univar Solutions Canada Ltd.

64 Arrow Road
North York, ON M9M 2L9
Telephone: 1-866-686-4827

Emergency telephone number

3E (24 Hours): 1-866-519-4752; +1 760-476-3961

Access Code: 336741

2. HAZARDS IDENTIFICATION

GHS Classification

The product is not considered hazardous by the 2015 WHMIS Hazardous Product Regulations.,

GHS-Labeling

The product is not considered hazardous by the 2015 WHMIS Hazardous Product Regulations.

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Other hazards which do not result in classification

Advice; Contaminated surfaces will be extremely slippery.

Potential environmental effects; This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances /Mixtures: Mixture

Not a hazardous substance or mixture according to the Globally Harmonised System (GHS).

4. FIRST AID MEASURES

Description of first aid measures

General advice

Show this safety data sheet to the doctor in attendance.

Inhalation

Move to fresh air. No hazards which require special first aid measures.

Skin contact

Wash off immediately with soap and plenty of water.

Eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Ingestion

Contact physician if larger quantity has been consumed.

Most important symptoms and effects, both acute and delayed

Symptoms : No information available.

Hazards : No information available.

Indication of immediate medical attention and special treatment needed, if necessary

Treatment : Symptomatic treatment.

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5. FIREFIGHTING MEASURES

Suitable extinguishing media

Water mist

Carbon dioxide (CO₂)

Dry powder

Unsuitable extinguishing media

none

Special protective actions for fire-fighters

In the event of fire, wear self-contained breathing apparatus.

Use NIOSH/MSHA approved respiratory protection.

Further information

In the event of fire, cool tanks with water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

For personal protection see section 8. Use rubber boots.

Environmental precautions

Should not be released into the environment.

Methods and materials for containment and cleaning up

Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Prevent product from entering drains.

Additional advice

For personal protection see section 8.

7. HANDLING AND STORAGE

Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice.

For personal protection see section 8.

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Conditions for safe storage, including any incompatibilities

Store at room temperature in the original container.

Materials for packaging

Unsuitable material: To avoid product degradation and equipment corrosion, do not use iron, copper or aluminium containers or equipment.

Materials to avoid:

Strong oxidizing agents, Iron, Copper, Aluminium

Storage stability:

Storage temperature 5 - 30 °C

Other data Stable under recommended storage conditions.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

If exposure limits exist, they are listed below. If no exposure limits are displayed, then no values are applicable.

Contains no substances with occupational exposure limit values.

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes. Wash hands and face before breaks and immediately after handling the product. Ensure that eyewash stations and safety showers are close to the workstation location. Ensure adequate ventilation.

Individual protection measures, such as personal protective equipment

Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash hands before breaks and immediately after handling the product.

Respiratory protection

None under normal use.

Hand protection

Glove material: Impervious gloves, Permeability tests are not available for this product. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

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Skin and body protection

Long sleeved clothing No special requirements.

Eye protection

Tightly fitting safety goggles

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state, Form	: viscous
Appearance	: liquid
Colour	: yellow, to, amber
Odour	: amine-like
Odour Threshold	: not determined
pH	: 4 - 7
Melting point/range	: -18 °C
Boiling point/boiling range	: ca. 100 °C
Flash point	: > 100 °C Method: closed cup does not flash
Evaporation rate	: similar to water
Flammability (solid, gas)	: Not classified as a flammability hazard
Self-ignition	: No data available
Upper explosion limit / Upper flammability limit	: None.
Lower explosion limit / Lower flammability limit	: None.

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Vapour pressure	: No data available
Relative vapour density	: similar to water
Relative density	: No data available
Density	: 1.100 - 1.200 g/cm ³
Solubility(ies)	
Water solubility	: completely soluble
Partition coefficient: n-octanol/water	: Not applicable
Auto-ignition temperature	: > 200 °C
Decomposition temperature	: > 150 °C
Viscosity	
Viscosity, dynamic	: 550 - 750 mPa.s
Viscosity, kinematic	: No data available
Oxidizing properties	: The substance or mixture is not classified as oxidizing.
Surface tension	: No data available

10. STABILITY AND REACTIVITY

Reactivity

Stable under recommended storage conditions.

Chemical stability

The product is chemically stable.

Possibility of hazardous reactions

Stable under recommended storage conditions.

Conditions to avoid

Do not freeze.

Incompatible materials

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Strong oxidizing agents
Iron
Copper
Aluminium

Hazardous decomposition products

Carbon dioxide (CO₂)
Carbon monoxide
Ammonia
Nitrogen oxides (NO_x)
hydrogen chloride (HCl)

Thermal decomposition: > 150 °C

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute oral toxicity

Conclusion: The acute toxicological results displayed may not be the results of actual testing of this material but based on a similar tested material.

LD50/Rat/5,000 mg/kg
Remarks: estimated

Acute inhalation toxicity

LC50/Rat/4 h/>20 mg/lRemarks: estimated

Acute dermal toxicity

LD50/Rabbit/>2,000 mg/kg

Remarks: estimated

Skin corrosion/irritation

Conclusion: No skin irritation

Serious eye damage/eye irritation

Conclusion: No eye irritation

Respiratory or skin sensitisation

Skin sensitization

Conclusion: Not expected to be irritating.

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Skin sensitisation	Conclusion: Not sensitizing.
Germ cell mutagenicity	
Genotoxicity in vitro	Conclusion: not mutagenic
Genotoxicity in vivo	AMES test Result: negative micronucleus test/Mouse Result: negative
Carcinogenicity	
Carcinogenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity	
Toxicity for reproduction	Conclusion: Based on available data, the classification criteria are not met.
Specific target organ toxicity - single exposure	/The substance or mixture is not classified as specific target organ toxicant, single exposure.
Specific target organ toxicity - repeated exposure	/The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Aquatic toxicity

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Remarks: Ecotoxicological information provided is based on a structurally or compositionally similar product.

LC50/96 h/Branchydanio rerio (zebra fish)/Acute toxicity/OECD Test Guideline 203: 10 - 100 mg/l

Remarks: fresh water

LC50/96 h/Pimephales promelas (fathead minnow)/Acute toxicity/EPA Method 2000.0: 0.393 mg/l

Remarks: fresh water

LOEC/96 h/Pimephales promelas (fathead minnow)/Acute toxicity/EPA Method 2000.0: 0.288 mg/l

Remarks: fresh water

EC50/48 h/Daphnia magna (Water flea)/Immobilization/OECD Test Guideline 202: > 10 - 100 mg/l

IC50/72 h/Pseudokirchneriella subcapitata (green algae)/Growth inhibition/OECD Test Guideline 201: >

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10 - 100 mg/l

Toxicity to other organisms

No data available

Persistence and degradability

Biological degradability:

Modified Sturm Test/OECD Test Guideline 301B/28 d: < 70 %

Remarks: Ecotoxicological information provided is based on a structurally or compositionally similar product.

Not readily biodegradable.

Chemical degradation:

Does not hydrolyse.

Bioaccumulative potential

Partition coefficient: n-octanol/water: Not applicable

Mobility in soil

Water solubility: completely soluble

Other adverse effects

Additional ecological information: Information given is based on data on the components and the ecotoxicology of similar products.

13. DISPOSAL CONSIDERATIONS

Product

Where possible recycling is preferred to disposal or incineration. In accordance with local and national regulations.

Contaminated packaging

Must be disposed of in accordance with local and national regulations.

14. TRANSPORT INFORMATION

Land transport

Not classified as dangerous in the meaning of transport regulations.

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Sea transport

Not classified as dangerous in the meaning of transport regulations.

Air transport

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

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

Notification status

USA	: All components of this product are included in the United States TSCA Chemical Inventory or are not required to be listed on the United States TSCA Chemical Inventory.
Canada	: All components of this product are included in the Canada Domestic Substance List (DSL) or are not required to be listed on the Canada Domestic Substance List (DSL).
European Union	: All components of this product are included in the European Inventory of Existing Chemical Substances (EINECS) or are not required to be listed on EINECS.
Australia	: All components of this product are included in the Australian Inventory of Chemical Substances (AICS) or are not required to be listed on the Australian Inventory of Chemical Substances (AICS).
China	: All components of this product are included on the Chinese inventory or are not required to be listed on the Chinese inventory.
Japan	: All components of this product are included on the Japanese (ENCS) inventory or are not required to be listed on the Japanese (ENCS) inventory.
South Korea	: All components of this product are included in the Korean (ECL) inventory or are not required to be listed on the Korean (ECL) inventory.
Philippines	: All components of this product are included on the Philippine (PICCS) inventory or are not required to be listed on the Philippine (PICCS) inventory.
New Zealand	: All components of this product are included in the New Zealand inventory (NZIoC) or are not required to be listed on the New Zealand inventory (NZIoC).
Taiwan	: All components of this product are included on the Taiwan

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Toxic Chemical Substances Control Act Inventory.

16. OTHER INFORMATION

HMIS Rating

Health: 0

Flammability: 0

Reactivity: 0

NFPA Rating

Health: 0

Fire: 1

Reactivity: 0

Training advice

Read the safety data sheet before using the product.

Further information

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.

Sources of key data used to compile the Safety Data Sheet

Regulations, databases, literature, own tests.

Additions, Deletions, Revisions