

SENFLOC 3360

Safety Data Sheet

according to Regulation (EU) 2015/830

Issue date: 3/10/2024 Revision date: 3/10/2027

Version: 4.1



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

1.1. Product identifier

Product form : Substance
Trade name : SENFLOC 3360
CAS-No. : 9003-05-8
Product code : Senfloc 3360
Type of product : Flocculant
Product group : Trade product

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

1.2.1. Relevant identified uses

Industrial/Professional use spec : For professional use only
Use of the substance/mixture : Water flocculation
Function or use category : Flocculant

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

ImproChem(Pty) Ltd T/A AECI Water
1 Wharhirst Road
Umbogintwini - South Africa
T +27(31) 949 8200

1.4. Emergency telephone number

Emergency number : 0800 SPILLS or 0800 774557

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Precautionary statements (CLP) : P264 - Wash hands, forearms and face thoroughly after handling.
Wear goggles, gloves, clothing and respiratory protection
P270 - Do not eat, drink or smoke when using this product.
Dispose of in accordance with relevant local regulations
Spill area may be slippery

Labelling according to Directive 67/548/EEC or 1999/45/EC

2.3. Other hazards

Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substances

Name : SENFLOC 3360
CAS-No. : 9003-05-8

Name	Product identifier	%
Copolymer of acrylamide and acrylic acid	(CAS-No.) 9003-05-8	100

SENFLOC 3360

Safety Data Sheet

according to Regulation (EU) 2015/830

Full text of H-statements: see section 16

3.2. Mixtures

Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Treat symptomatically. If you feel unwell, seek medical advice.
First-aid measures after inhalation	: If experiencing respiratory symptoms: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention.
First-aid measures after skin contact	: Wash with plenty of water/.... Wash contaminated clothing before reuse.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.
First-aid measures after ingestion	: Get medical advice/attention. Do not induce vomiting.

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

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Dry powder. Dry chemical powder. Foam.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Explosion hazard	: Dust may form explosive mixture in air.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

5.3. Advice for firefighters

Precautionary measures fire	: Evacuate area. Material is slippery when spilled.
Firefighting instructions	: Do not enter fire area without proper protective equipment, including respiratory protection. Evacuate area.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection. [In case of inadequate ventilation] wear respiratory protection. Complete protective clothing.
Other information	: Spill area may be slippery.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: If spilled, may cause the floor to be slippery.
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6.1.1. For non-emergency personnel

Protective equipment	: Wear recommended personal protective equipment.
Emergency procedures	: Spill area may be slippery.
Measures in case of dust release	: In case of dust production: keep upwind. In case of dust production: no naked flames or sparks.

6.1.2. For emergency responders

Protective equipment	: Wear recommended personal protective equipment.
Emergency procedures	: Spill area may be slippery.

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

For containment	: Using a clean shovel, put the material in a dry container and cover without compressing it. Spill area may be slippery.
Methods for cleaning up	: Contain and/or absorb spill with inert material (sand), then place in suitable container. Do not discharge into drains or the environment. Wash down leftovers with plenty of water.
Other information	: Dispose of materials or solid residues at an authorized site. Spill area may be slippery.

6.4. Reference to other sections

No additional information available

SENFLOC 3360

Safety Data Sheet

according to Regulation (EU) 2015/830

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed	: If spilled, may cause the floor to be slippery.
Precautions for safe handling	: Wear recommended personal protective equipment.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Ensure adequate ventilation, especially in confined areas. Facilities: shower, eye shower.
Storage conditions	: Store in a dry area. Protect from moisture. Protect from sunlight.
Heat and ignition sources	: Keep away from ignition sources.
Storage area	: Store in a dry area. Store in a well-ventilated place. Store in a cool area.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls	: Provide adequate ventilation to minimize dust concentrations.
Personal protective equipment	: Gloves, shoulder length. Protective clothing. Protective goggles. Safety Boots. Dust formation: dust mask.
Hand protection	: Wear chemically resistant protective gloves.
Eye protection	: Protective goggles
Skin and body protection	: Wear suitable protective clothing
Respiratory protection	: Dust formation: dust mask. Approved organic vapour respirator



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: White solid. Powder.
Colour	: White to off-white.
Odour	: Odourless.
Odour threshold	: No data available
pH	: 1% (m)
pH solution	: ≈ 7 1% (m)
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: The product decomposes therefore not determines
Freezing point	: No data available
Boiling point	: Not applicable
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability	: not flammable
Vapour pressure	: The product has not been tested
Relative vapour density at 20°C	: No data available
Relative density	: No data available
Density	: Approx 750 kg/m3
Solubility	: Water: forms a viscous solution
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available

SENFLOC 3360

Safety Data Sheet

according to Regulation (EU) 2015/830

Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

Bulk density	: ≈ 0.75
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SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with water.

10.5. Incompatible materials

Strong bases. Strong acids, strong oxidants.

10.6. Hazardous decomposition products

Thermal decomposition can produce carbon, nitrogen and sulphur oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Not classified
Skin corrosion/irritation	: Not classified pH: 1% (m)
Serious eye damage/irritation	: Not classified pH: 1% (m)
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
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SENFLOC 3360 (9003-05-8)	
LC50 - Fish [1]	> 100 mg/l <i>Oncorhynchus mykiss</i> (static)
LC50 - Fish [2]	3500 ppm <i>Oncorhynchus mykiss</i>
EC50 - Crustacea [1]	≤ 212 mg/l <i>daphnia magna</i>
EC50 72h - Algae [1]	≤ 1000 mg/l <i>chlorella vulgaris</i>

12.2. Persistence and degradability

SENFLOC 3360 (9003-05-8)	
Persistence and degradability	No test data available.

12.3. Bioaccumulative potential

SENFLOC 3360 (9003-05-8)	
Bioaccumulative potential	Bioaccumulation: not applicable.

SENFLOC 3360

Safety Data Sheet

according to Regulation (EU) 2015/830

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: Disposal must be done according to official regulations.
Waste treatment methods	: Dispose of in accordance with relevant local regulations.
Sewage disposal recommendations	: Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Disposal must be done according to official regulations.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

UN-No. (ADR)	: Not regulated
UN-No. (IMDG)	: Not regulated
UN-No. (IATA)	: Not regulated

14.2. UN proper shipping name

Proper Shipping Name (ADR)	: Not regulated
Proper Shipping Name (IMDG)	: Not regulated
Proper Shipping Name (IATA)	: Not regulated

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR)	: Not regulated
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IMDG

Transport hazard class(es) (IMDG)	: Not regulated
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IATA

Transport hazard class(es) (IATA)	: Not regulated
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14.4. Packing group

Packing group (ADR)	: Not regulated
Packing group (IMDG)	: Not regulated
Packing group (IATA)	: Not regulated

14.5. Environmental hazards

Dangerous for the environment	: No
Marine pollutant	: No
Other information	: No supplementary information available

14.6. Special precautions for user

- Overland transport

Not regulated

- Transport by sea

Not regulated

- Air transport

Not regulated

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

Not applicable

SENFLOC 3360

Safety Data Sheet

according to Regulation (EU) 2015/830

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Not listed on REACH Annex XVII

Not listed on the REACH Candidate List

Not listed on REACH Annex XIV (Authorisation List)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

This substance is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

SECTION 16: Other information

SDS ImproChem Test

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