

# MATERIAL SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Product Name: **ClearFlo NS100**

Supplier: GPC Clear Solutions Limited  
Unit 57, Riverside Estate, Sir Thomas Longley Road,  
Medway City Estate,  
Rochester, Kent ME2 4DP.

Telephone Number: 01634 326920 Fax: 01634 570469

Product Use: Process aid for industrial applications.

## 2. HAZARDS IDENTIFICATION

This product is product is not classified as hazardous under Regulation EC 1272/2008.  
Will potentially make surfaces extremely slippery.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Identification of the preparation: Anionic polymer in solution.

## 4. FIRST AID MEASURES

Inhalation: Unlikely. Move to fresh air. Seek medical attention if irritation persists.

Skin contact: Wash with soap and water. In case of persistent skin irritation, seek medical attention.

Eye contact: Rinse thoroughly with plenty of water, also under the eyelids. In case of persistent eye irritation, seek medical attention.

Ingestion: The product is not considered to be hazardous. Seek medical attention if the product is swallowed.

## 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Use media for suitable for the surrounding area.

Special fire-fighting precautions: Spills produce extremely slippery surfaces.

Special protective equipment for fire-fighters: No special protective equipment required.

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## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	No special precautions required.
Environmental precautions:	Contain to prevent spread.
Methods for cleaning up :	Soak up with inert absorbent material. Keep in suitable and closed containers for disposal. <u>After cleaning</u> , flush away traces with plenty of water until the floor surface is free of contamination and not slippery.

## 7. HANDLING AND STORAGE

Handling:	Avoid contact with skin and eyes. Wash hands before breaks and at the end of the workday.
Storage:	Keep in a dry, cool place (0 - 30°C).

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:	No specific requirements.
Personal protection equipment	
- Respiratory protection:	Not applicable.
- Hand protection:	Disposable nitrile gloves.
- Eye protection:	Safety glasses with side-shields.
- Skin and body protection:	Water proof clothing if persistent splashing is encountered.
- Hygiene measures:	Wash hands before breaks and after handling the product. Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid.
Colour:	Clear.
pH:	4 - 9.
Flash point ("C) :	Not applicable.

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## 10. STABILITY AND REACTIVITY

Stability: Product is stable, no hazardous polymerisation will occur.

Materials to avoid: Oxidising agents may cause exothermic reactions.

Hazardous decomposition products: No decomposition if stored and applied as directed. Burning of the dried material can produce: nitrogen oxides (NO<sub>x</sub>), carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

- Oral: LD50 / oral/rat > 5000 mg/kg (estimated).

- Dermal: LD50 / Dermal rat > 5000 mg/kg (estimated).

- Inhalation: The product is not expected to be toxic by inhalation, route of inhalation unlikely.

### Irritation

- Skin: Testing conducted on rabbits according to the Draize technique showed the material not to be irritating to the skin.

- Eyes: Testing conducted according to the Draize technique showed the material produces no corneal or iridial effects and only slight conjunctival effects.

The results of testing on pigs showed this material to be non-sensitising.

### Sensitisation

No data available.

### Chronic Toxicity

## 12. ECOLOGICAL INFORMATION

### Acute aquatic toxicity

- Fish: LC50 / *Dania rerio* / 96 hours > 100 mg/l (OECD 203).

- Daphnids: EC50 / *Daphnia magna* / 48 hours > 100 mg/L (OECD 202).

- Algae: IC50/*Scenedesmus subspicatus*/72 hours > 100mg/L (OECD 201)

- Biodegradation: Not readily biodegradable.

- LogP<sub>ow</sub>: 0

- Bioaccumulation : Does not bioaccumulate.

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### 13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: In accordance with local and national regulations.

Contaminated packaging: Rinse empty containers with water and use the rinse water to prepare the working solution. Source suitable recycling facility for the containers.

### 14. TRANSPORT INFORMATION

Remarks: Not classified as dangerous in the meaning of transport regulations.

### 15. REGULATORY INFORMATION

All components of this product are exempt from registration under REACH.

### 16. OTHER INFORMATION

Further information:

This SDS was prepared in accordance with the following:

Regulation EC 1272/2008.  
Regulation EC 1907/2006.  
Regulation EC 453/2010.

This product is not classified as hazardous according to regulation EC 1272/2008, as a result the requirements for the content of a safety data sheet under regulation EC 1907/2006 are not fully addressed in this safety data sheet. This safety data sheet has been provided wholly on a voluntary basis.

Contact: GPC Clear Solutions Limited.  
Tele: 01634 326920

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 guidance for safe handling, use, process, 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.