MATERIALS SAFETY DATA SHEET

SAFETY DATA SHEET

1: IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product Name: **CONPLAST SP430**

Application: Concrete admixture.

Company: **Fosroc Limited**

Address: Coleshill Road, Tamworth, Staffordshire. B78 3TL

Telephone: 01827 262222 (Out of Hours) 01827 265279 Fax: 01827 262444

2: COMPOSITION/INFORMATION ON INGREDIENTS

Composition: aqueous solution of sulphonated naphthalene formaldehyde condensates.

None of the ingredients of this product are classified as hazardous.

All constituents of this product are listed in EINECS (European Inventory of Existing Commercial Chemical Substances) or ELINCS (European List of New Chemical Substances) or are exempt.

Refer to Section 8 for Occupational Exposure Limits.

3: HAZARDS IDENTIFICATION

No significant hazard.

4: FIRST AID MEASURES

Eyes: Irrigate immediately with copious quantities of water for several minutes. Obtain medical attention if irritation persists.

Skin: Wash thoroughly with soap and water or suitable skin cleanser as soon as possible.

Inhalation: Remove from exposure - unlikely to occur.

Ingestion: Wash out mouth with water. Do NOT induce vomiting. Obtain medical attention.

5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media: None, not flammable.

Special Exposure Hazards: None.

Special Protective Equipment: None.

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear suitable protective clothing, gloves and eye/face protection.

Environmental Precautions: Prevent entry into drains, sewers and water courses.

Decontamination Procedures: Soak up with inert absorbent or contain and remove by best available means. Dispose of as waste.

7: HANDLING AND STORAGE

Handling: Avoid skin and eye contact.

Storage: Protect from frost. Store away from acids.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:- None assigned.

Engineering Control Measures: No specific ventilation requirement noted.

Personal Protective Equipment: Impervious gloves (eg PVC). Safety glasses / Goggles. Change contaminated clothing and clean before re-use.

Validation Date: 01.12.2022

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9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid.
Colour:	Brown.
Odour:	Slight/faint.
pH(concentrate):	7 - 8
Boiling Point/Range (°C):	>100 °C
Flash Point (closed, °C):	None.
Autoflammability (°C):	Not applicable.
Explosive Properties (%):	Not applicable.
Vapour Pressure (kPa at 20°C):	2.3 (water)
Relative Density (at 20°C):	1.20
Water Solubility:	Soluble.

10: STABILITY AND REACTIVITY

Stability:	Stable.
Conditions to Avoid:	Temperatures (ºC) below 0°C
Materials to Avoid:	Strong oxidising agents. Strong acids. Strong alkalis.
Hazardous Decomposition Products:	Thermal decomposition:- Sulphur compounds.

11: TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on a knowledge of the toxicity of the product's components.
Oral LD50, rat >5g/kg

Health Effects

On Eyes:	May cause transient irritation.
On Skin:	Unlikely to cause harm on brief or occasional contact.
By Inhalation:	Low volatility makes inhalation unlikely at ambient temperatures.
By Ingestion:	Low order of acute toxicity. May cause irritation of mouth, throat and digestive tract.
Chronic:	None known.

12: ECOLOGICAL INFORMATION

Environmental Assessment:	When used and disposed of as intended, no adverse environmental effects are foreseen.
Mobility:	Mobile liquid. Soluble in water.
Persistence and Degradability:	Expected to be not readily biodegradable.
Bioaccumulative Potential:	Not expected to be bioaccumulative.
Ecotoxicity:	Expected to be ecotoxic to fish/daphnia/algae.

13: DISPOSAL CONSIDERATIONS

Disposal must be in accordance with local and national legislation.

Unused Product:	Dispose of through an authorised waste contractor to a licensed site.
Used/Contaminated Product:	As for Unused product.
Packaging:	May be steam cleaned and recycled.

14: TRANSPORT INFORMATION

This product is NOT classified as dangerous for transport.

15: REGULATORY INFORMATION

Hazard Label Data:-

This product is NOT classified as dangerous for supply in the UK.

Safety Phrases:	Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
EC Directives:	Dangerous Substances Directive, 67/548/EEC and adaptations. Dangerous Preparations Directive, 88/379/EEC. Safety Data Sheets Directive, 91/155/EEC.
Statutory Instruments:	Chemicals (Hazard Information and Packaging for Supply) (Amendment) Regs. 1996 (SI 1092). Control of Substances Hazardous to Health Regs. 1994 (SI 3246). Health & Safety at Work, etc. Act 1974.
Codes of Practice:	Waste Management. The Duty of Care.

The above publications are available from HMSO

16: OTHER INFORMATION

The data and advice given apply when the product is used for the stated application or applications. The product is not sold as suitable for any other application. Use of the product for applications other than as stated in this sheet may give rise to risks not mentioned in this sheet. The product should not be used other than for the stated application or applications without seeking advice from Fosroc Ltd.

If this product has been purchased for supply to a third party for use at work, it is the purchaser's duty to take all necessary steps to secure that any person handling or using the product is provided with the information in this sheet.

It is the responsibility and duty of the employer to inform employees and others who may be affected of any hazards described in this sheet and of any precautions which should be taken.

This sheet does not constitute or substitute for the users own assessment of workplace risk, as required by other health and safety legislation.

Further copies of this Safety Data Sheet may be obtained from Fosroc Limited.