

MONOCAST 180 HR



Material Safety Data Sheet

PRODUCT AND COMPANY IDENTIFICATION

Product Name: MONOCAST 180 HR
Chemical Family: Modified polycarboxylic based super plasticizer for high strength and long slump retention
Manufacturer: Starke Construction Chemicals
Tel. +256 787 288 087
Email: info@starkepolymers.com
Website: www.Starke polymers.com

COMPOSITION/INFORMATION ON INGREDIENTS

Composition: Polycarboxylate, water.
Hazardous Ingredient(s): None of the significant ingredients of this product are classified as hazardous. Refer to Section 8 for Occupational Exposure Limits.

NO SIGNIFICANT HAZARD.

Eyes: Irrigate immediately with copious quantities of water for 15 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. Don't induce vomiting. Obtain medical attention.

FIRE FIGHTING MEASURES

Flash Point: None, not flammable.
Special Exposure Hazards: None.
Extinguishing Media: As surrounding fire.
Personal Protective Equipment: None.

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 and remove by best available means.
Dispose of as waste. Prior consent must be obtained from

HANDLING AND STORAGE

Handling: Avoid skin and eye contact.
Storage: Store in cool and dry area. Protect from frost.

EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eye contact: Safety glasses/goggles.
Skin contact: Impervious gloves (e.g. PVC).
Respiratory protection: Unlikely to happen.
Engineering controls: No specific ventilation requirement noted.
Exposure guidelines: None assigned.

PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid
Colour: Pale yellowish to brownish
Odour: Slight /faint
Boiling Point (oC): > 100
Flash Point (closed cup) (oC): None
Autoflammability (oC): Not applicable
Explosive Properties (%): Not applicable
Relative Density (@25oC): 1.04 – 1.08
Water Solubility: Soluble

STABILITY AND REACTIVITY

Stability: Stable
Conditions to Avoid: Temperature below 0(oc)
Chemical incompatibility: Oxidizing agents, strong acids strong Alkalis
Hazardous Decomposition Products: Thermal decomposition yields carbon oxides.

TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on knowledge of the toxicity of the product's components.

HEALTH EFFECTS

On Eyes: May cause slight transient irritation.

On Skin: Unlikely to irritate on brief occasional exposure.

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: long term skin contact may cause some local short term irritation.

ECOLOGICAL INFORMATION

Environmental Assessment: When used and disposed off as intended, no adverse environmental effects are foreseen.

Mobility: Mobile liquid. Soluble in water.

Degradability: Expected to be readily biodegradable.

Bioaccumulation: Not expected to be bioaccumulative.

Acute Fish Toxicity: Expected to be ecotoxic to fish/daphnia/algae.

DISPOSAL CONSIDERATION

Disposal must be in accordance with local and national legislation.

Unused Product: Dispose off through an authorized waste contractor to licensed site.

Used/ Contaminated Product: As for unused product.

Packaging: May be steam cleaned and recycled.

TRANSPORT INFORMATION

This product is not classified as dangerous for transport.

REGULATORY INFORMATION

Hazard Label Data:

This product is **NOT** classified as dangerous for supply.

Safety Phrases:

S24/25 Avoid contact with skin and eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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Important note :

Starke range products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Starke endeavours to ensure that any advice, recommendation specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products whether or not in accordance with any advice, specification, recommendation, opinion or information given by it.

Starke Polymer Ltd
Plot 158, kampala uganda
Construction Chemicals

Tel + 256 709 704 421
Tel + 256 792 171 023

Email: info@starkepolymers.com
[www. Starke polymers.com](http://www.Starkepolymers.com)