

MONOSET ACF



Material Safety Data Sheet

PRODUCT AND COMPANY IDENTIFICATION

Product Name: MONOSET ACF

Chemical Family: Alkali free sprayed concrete accelerator, with minimum rebound characteristics

Manufacturer: Starke Construction Chemicals

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Website: www.Starke polymers.com

COMPOSITION/INFORMATION ON INGREDIENTS

Composition: Deionized water, Aluminum sulphate and additives.

Aluminum sulphate Xi R41 1004 3-01-3 50 – 60

Water -- 7732-18-5 30 - 40

THIS PRODUCT IS CHEMICAL

Refer to Section 8 for Occupational Exposure Limits.

HAZARDS IDENTIFICATION

Hazard Information: Risk of serious damage to eyes. Corrosive to metals.

Classification: Xi. R41.

FIRST AID MEASURES

Eyes: Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Get medical attention. Finish by rinsing thoroughly with running water to avoid a possible infection.

Skin: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops. Cold water may be used.

Inhalation: If inhaled, remove to fresh air. Get medical attention.

Ingestion: Do **NOT** induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get immediate medical attention.

FIRE FIGHTING MEASURES

Flash Point (Closed Cup): None, not flammable.

Extinguishing Media: As surrounding fire.

Personal Protective Equipment: Self-contained breathing apparatus should be used.

Special Exposure Hazards: 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.

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 protection: 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: Viscous liquid

Colour: Pale yellow

Odour: Slight /faint

pH (concentrate): 2 - 5

Boiling Point (oC): >100

Flash Point (closed cup) (oC): None

Freezing Point (oC): 0

Relative Density (@25oC): 1.3 – 1.5

Water Solubility: Soluble

STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to Avoid: Temperature below 0°C.

Chemical Incompatibility: Oxidizing agents. Strong acids, strong alkalis. Incompatible with mild steel, aluminium, galvanized iron or brass. Also incompatible with alkaline materials.

Hazardous Decomposition Products: None.

TOXICOLOGICAL INFORMATION

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

HEALTH EFFECTS

On Eyes: Will cause mild short term irritation.

On Skin: May cause irritation in some individuals.

Repeated or prolonged contact may cause irritant contact dermatitis.

By Inhalation: Not an irritant due to low vapour pressure.

By Ingestion: May be harmful if swallowed. May cause gastric irritation. May result in nausea, vomiting and diarrhoea.

Chronic: Not applicable

ECOLOGICAL INFORMATION

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

Mobility: Mobile liquid. Soluble in water.

DISPOSAL CONSIDERATION

Disposal must be in accordance with local and national legislation.

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

Prevent entry into drains, sewers and water courses

Used/Contaminated Product: As for unused product.

PACKAGING:

May be steam cleaned and recycled.

TRANSPORT INFORMATION

UN 1824

Transport Name: Corrosive liquid, acidic, inorganic, non-flammable (Sulphuric acid solution)



Transport Type: At Sea IMDG 8 III No

Class Pack Group: Air Transport IATA/ICAO 8 III

At land RID/ADR 8 III

Marine Pollutant: No

REGULATORY INFORMATION

Hazard not Data:



Contains: Aluminum sulphate.

Risk Phrases:

R41 Risk of serious damage to eyes. Corrosive to metals.

Safety Phrases:

R41 Risk of serious damage to eyes. Corrosive to metals.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

S46 If swallowed, seek medical advice immediately and show label.

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

S49 Keep only in the original container.

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- **Concrete admixtures.**
- **Surface treatments**
- **Grouts and anchors.**
- **Concrete repair.**
- **Flooring Coating**
- **Sealants.**
- **Waterproofing.**
- **Adhesives.**



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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.