



Material SAFETY DATA SHEET

Proset AFR

1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Proset AFR**

Description: Alkali free sprayed concrete accelerator, with minimum rebound characteristics

Manufacturer: **Don Construction Chemicals India LTD**
Tel. +914426185340/41/42
www.dcp-int.com

Date Prepared: 15.11.2021

MSDS Number: DCP-IND/01/08

2: COMPOSITION / INFORMATION ON INGREDIENTS

Composition: Deionized water, Aluminum sulphate and additives.

| Hazardous Ingredient(s) | Symbol | Risk Phrases | CAS No. | % |
|-------------------------|--------|--------------|------------|---------|
| Aluminum sulphate | Xi | R41 | 10043-01-3 | 50 – 60 |
| Water | - | - | 7732-18-5 | 30 - 40 |

Refer to Section 8 for Occupational Exposure Limits.

3: HAZARDS IDENTIFICATION

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

Classification: Xi. R41.

4: 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.

5: FIRE FIGHTING MEASURES

| | |
|--------------------------------|--|
| Flash Point: | None, not flammable. |
| Special Exposure Hazards: | None. |
| Extinguishing Media: | As surrounding fire. |
| Personal Protective Equipment: | Self-contained breathing apparatus should be used. |

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 and remove by best available means. |

7: HANDLING AND STORAGE

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

8: 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. |

9: PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--------------------------------|----------------|
| Form: | Viscous liquid |
| Colour: | Pale yellow |
| Odour: | Slight /faint |
| Boiling Point (°C): | >100 |
| Flash Point (closed cup) (°C): | None |
| Freezing Point (°C): | 0 |
| pH: | 2 - 5 |
| Relative Density (@25°C): | 1.3 – 1.5 |
| Water Solubility: | Soluble |



10: 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, aluminum, galvanized iron or brass. Also incompatible with alkaline materials. |
| Hazardous Decomposition Products: | None. |

11: 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. |

12: 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. |

13: 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. |

14: TRANSPORT INFORMATION



UN Number: 3264

Transport Name: Corrosive liquid, acidic, inorganic, n.o.s. (aluminum sulphate solution)

| Transport Type: | | Class: | Pack Group: | Marine Pollutant |
|-----------------|-----------|--------|-------------|------------------|
| At Sea | IMDG | 8 | III | No |
| Air Transport | IATA/ICAO | 8 | III | |
| At land | RID/ADR | 8 | III | |

15: REGULATORY INFORMATION

Hazard Label Data:

Xi



Irritant

Contains: Aluminum sulphate.

Risk Phrases:

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

Safety Phrases:

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.



16: OTHER INFORMATION

Issue Date: 15.11.2021

Revised Date:

Disclaimer: The information contained herein is derived from the best available sources and is believed to be accurate. However, no guarantee is expressed or implied regarding the accuracy of the data given in the use of this product.