



Material SAFETY DATA SHEET

Flocrete CN30

1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Flocrete CN30**

Description: Corrosion inhibiting admixture for reinforced concrete

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

Date: 21.05.2023 MSDS Number: DCP/01/07/35

2: COMPOSITION / INFORMATION ON INGREDIENTS

Composition: Calcium nitrite, water.

Hazardous Ingredient(s)	Symbol	Risk Phrases	CAS No.	%
Calcium nitrite	Xn	R22, 36/38	13780-06-8	30

Refer to Section 8 for Occupational Exposure Limits.

3: HAZARDS IDENTIFICATION

Hazard Information: Harmful if swallowed.
Irritating to eyes and skin.

Classification: Xn. R22, 36/38

4: FIRST AID MEASURES

Eyes: Irrigate immediately with copious quantities of water for 15 minutes while holding eyelids open. Obtain medical attention immediately.

Skin: Remove contaminated clothing immediately. Wash immediately with copious quantities of water. Obtain medical advice if skin disorders develop.

Inhalation: Remove from contaminated zone, obtain medical attention if necessary.

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

5: FIRE FIGHTING MEASURES

Flash Point:	None.
Lower Explosive Limit:	None.
Extinguishing Media:	Same as surrounding fire.
Personal Protective Equipment:	Normal extinguishing suit.

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear rubber boots in addition to the recommended protective clothing.
Environmental Precautions:	Prevent entry into drains, sewers and water courses.
Decontamination Procedures:	Avoid the drying this material it will be an oxidizer.

7: HANDLING AND STORAGE

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

8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ingestion:	Prevent eating, drinking or smoking in the area of product use.
Eye Contact:	Safety glasses/goggles tightly fit to face with sides shield.
Skin Contact:	Protective rubber gloves.
Engineering Controls:	No specific ventilation requirement noted.

9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Color:	Turbid yellowish
pH (concentrate):	Not applicable
Boiling Point (°C):	> 100
Flash Point (closed cup) (°C):	None
Autoflammability (°C):	Not determined
Freezing Point (°C):	≅ -10
Relative Density (@25°C):	1.29 – 1.31
Water Solubility:	Soluble

10: STABILITY AND REACTIVITY

Stability:	Stable.
Conditions to Avoid:	Not applicable.
Chemical Incompatibility:	Strong acids. Organic materials, ammonium salts and reducing agents.
Hazardous Decomposition Products:	Thermal decomposition yields oxides of nitrogen.

11: TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on knowledge of the toxicity of the product's components.
Oral LD50, rat 283 mg/kg.

Health Effects

On Eyes:	Severe irritation and may injure eye tissue if not removed promptly.
On Skin:	Irritation. Prolonged contact cause redness and etching.
By Inhalation:	Low volatility makes inhalation unlikely at ambient temperatures. Vapor or mist causes irritation, sore throat, coughing and breathing difficulty.
By Ingestion:	Harmful or fatal if ingested.

12: ECOLOGICAL INFORMATION

Environmental Assessment:	When used and disposed off as intended, no adverse environmental effects are foreseen.
Mobility:	Mobile liquid. Soluble in water.
Degradability:	No information.
Bioaccumulation:	No information.
Acute Fish Toxicity:	No information.

13: DISPOSAL CONSIDERATION

Disposal must be in accordance with local and national legislation.

Unused Product:	Dispose off through an authorized waste contractor to a licensed site.
Used/ Contaminated Product:	As for unused product.
Packaging:	Dispose off through an authorized waste contractor.

14: TRANSPORT INFORMATION

No Legalization.

15: REGULATORY INFORMATION

Hazard Label Data:

Xn



Harmful

Risk Phrases:

R22	Harmful if swallowed.
R36/38	Irritating to eyes and skin.

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

16: OTHER INFORMATION

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.