

ABOUT US

Baral Chemical Company Ltd is the leading and only local manufacturer of building and any other construction oriented chemicals and materials with extra-ordinary properties which are claimed better ones in comparison with respective field. Manufacturer of various types of building & Construction chemicals such as anti-salinity sealer, concrete admixtures with excellence, cementitious-grouting for concrete-joints, heat reducing & water proofing roof ,damp and water proofing liquid felt, cementitious alloy for water leakage, rust remover ,pest controlling products and any other constructional problem solving products which are truly for sound construction and healthy environment. Our Research & Development Department (R&D) has been analyzing, improving and adapting new invented technologies since 1986 to provide quality services for our honorable clients.

Con-Lub SR

(a set retarder concrete admixture)

Description of Item

Con-Lub SR is a new generation admixture based on modified polycarboxylic ether. The unique mechanism of action of polycarboxylic ether present in **Con-Lub SR** greatly enhances the effectiveness of cement dispersion and thereby reducing the amount of water required for mixing while maintaining control on extend of setretardation. **Con-Lub SR** is mainly composed of 2, 3, 4- Hydroxy Stearato polycarboxalate, competitive graftable emulsified monomers of salts & Ester of Fatty acids & oils, etc. ; for very special properties , different ingredients remain in grafted form with the main polymer chain. It's very slippery, water soluble & dispersed when used in cementitious concrete & cement mortar passing the cementitious reaction process.

Usages Area

Con-Lub SR is used to increase workability without loss of strength or to enable water reduction for the same workability resulting in dense rheodynamic concrete with high ultimate strength. This product is very useful for distance transported pumping concrete, high fluidity concrete, self-leveling concrete, plain concrete, pilling, superstructure, Ready mix concrete, Bridge, culvert, dams concrete etc. in a word in all field of cement using where water pressure is less & thick & rich.

Suitable for concrete in strength class of 30-50 N/mm²

Standard Compliance

Con-Lub SR set retarder for transporting and pumping complies with the requirements of the following standards: ASTM C 494, Type B, D & G. BS EN 934-2.

Tested by BUET (As per ASTM specifications)
Compressive Strength Test- ASTM C39
Water Reducing Test- ASTM C494
Retarder Test – ASTM C191
Auto Curing Test – ASTM C39
Water Proof Test - As per BUET Specifications

Advantage

- Long Distance Transport & Pumped concrete Water
- Ultimate high Strength Gaining
- Anti-corrosive agent, Anti rust and auto rust remover
- The internal friction and thixotropy of mix is reduced to a minimum without the risk of segregation, thus making concrete pumping more efficient
- Bond strength of concrete to reinforcement steel is considerably increased.

Technical Data

Appearance	Light Reddish Liquid
Specific Gravity	1.06 ± 0.02 (at 27°C ± 30°C)
pH value	7±1
Alkali Content (%)	No affecting alkali
Chloride Content (%)	0.0 (Zero), expressed as a percentage by mass of total admixture.

Dosage

The optimum dosage of **Con-Lub SR** to meet specific requirements should always be determined by trials using the materials and conditions that will be experienced in use. As a guide, the rate of addition is generally in the range of 0.6-1.5% by weight of cement depending on the function. Sets very early with moderate dosage. There may be retarding effect on the setting time with high dosage.

Health & Safety

No hazards and not inflammable (Tested by BCSIR)
No health hazards and environment friendly (Tested by BCSIR)
Safe to handles and non- hazardous (Tested by BUET)
If spread in mouth or eyes, wash by much water; before taking food, hands should be washed out properly with soap or detergent.

Package

200 Kg and bulk supply

Storage

Con - Lub SR has a minimum self live of 2 years provided temperature is keep within the range 10 ° C - 45 ° C. in normal & dry place.

Technical Support

Providing technical support and service on specify dosages, chemical mixing, application method and by perfect supervision. The technical information and application advice given in this Baral Chemical Company's publication are based on the present state of our best scientific and practical knowledge.

Warning

Although the technical details mentioned in the datasheet are recommended to the best of our experience & knowledge, information must be taken merely indications. Practical trials have to be conducted at site for arrival the optimum dosage. In every case, the user alone is fully responsible for any consequence deriving from the use of the product