

CHEMPLAST 310 RSP

HIGH RANGE WATER REDUCING & SET RETARDING SUPER PLASTICIZER FOR CONCRETE

DESCRIPTION:

CHEMPLAST 310 RSP is a water reducing, highly effective super plasticizer with a set retarding effect for concrete in the area where required delays in concrete setting time. It has also high range water reducing for promoting high early and ultimate strengths of concrete.

CHEMPLAST 310 RSP is naphthalene-based super plasticizer compounded by some of high-performance retarder, stabilizer and reinforcing admixtures etc.

CHEMICAL BASE:

Sulphonated Naphthalene

STANDARDS COMPLIANCE:

It complies with ASTM C 494 Type A, D & G

USES:

- **CHEMPLAST 310 RSP** is an ideal concrete admixture for preparing high-performance and high-strength concrete, mass concrete and long-distance transport concrete etc.
- It is suitable for working condition under temperature 5-40 °C.

ADVANTAGE:

- Has a high efficiency water-reducing, retarding in the initial setting and early strength in final setting, less slump loss etc. which is extremely beneficial for the transport and pouring of concrete.
- Hot weather concreting where controlled delay to initial set is of prime importance.
- Increases initial workability. High ultimate strengths.

- The concrete compressive strength, flexural, tensile, impermeability and durability are significantly improved and enhanced.
- The concrete setting time prolonged 1-3hours, it can also be adjusted according to the user's demand. It has not affected the strength gain of concrete at different time.

DOSAGE:

400 to 700 ml per 50 Kg cement bag (to be adjusted as per trail mixes for every specific site requirement). Exact dosage rates are dependent on the type of effect sought, quality of cement and aggregates, water/cement ratio and ambient temperature. Therefore, in many cases it is advisable to carry out trial mixes. Using during mixing and after-mixing method and properly prolonged stirring time to assure even dispersion of all the ingredients.

TECHNICAL SUPPORT:

CHEMPLAST 310 RSP provides a comprehensive technical support service to specifiers, end users and contractors and is able to offer on-site technical assistance.

PACKAGING & STORAGE:

CHEMPLAST 310 RSP is available in 210 Liters Drum & 1000 Liters Bulk Tanks, 15000-liter tanker

TECHNICAL INFORMATION:

Form	:	Liquid
Color	:	Dark Brown
PH	:	6 approx.
Specific Gravity	:	1.12

Important note

Chemi Tech endeavors to ensure that the technical information contained herein is true, accurate and represents our best knowledge and experience. No warranty is given or implied as the Company has no control over the condition of use and the competence of any labor involved in the application are beyond our control.

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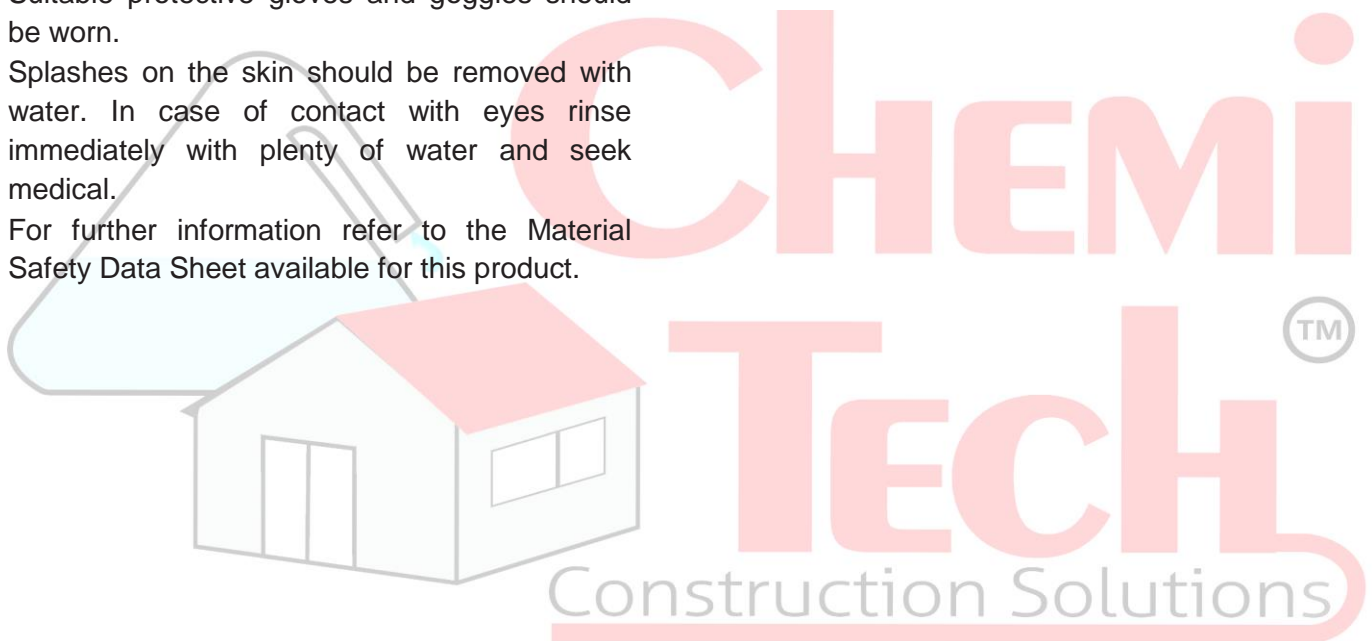
SHELF LIFE:

12 months

Provided it is stored under cover, out of direct sunlight.

HEALTH & SAFETY PRECAUTIONS:

- **CHEMPLAST 310 RSP** does not fall into the hazard classifications of current regulations. However, it should not be swallowed or allowed to come into contact with skin and eyes. Suitable protective gloves and goggles should be worn.
- Splashes on the skin should be removed with water. In case of contact with eyes rinse immediately with plenty of water and seek medical.
- For further information refer to the Material Safety Data Sheet available for this product.



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Manufactured under the Technical collaboration of CFCC Nigeria.
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