

## NEUTROL®

### General Statement

It is a Hyperplasticiser Based on Polycarboxylic ether Polymer with Lateral Chains. This greatly improves the cement dispersion and considerably reduces the water demand in flowable concrete. This GPS safety summary is only applicable to the product mentioned in section 2.

### Chemical Identification

#### ► Products Name

NEUTROL® 1136, NEUTROL®454, NEUTROL®1126, NEUTROL® 545, NEUTROL®1108R, NEUTROL®1136, NEUTROL®1199, NEUTROL®1225, NEUTROL®448, NEUTROL®466, NEUTROL® 554, NEUTROL® 565PQC, NEUTROL®636, NEUTROL®788, NEUTROL®911, NEUTROL®989, NEUTROL®6110, NEUTROL®6225, NEUTROL® 6311, NEUTROL® 6322, NEUTROL®848, NEUTROL®311, NEUTROL®599, NEUTROL®466, NEUTROL®877

#### ► Chemical Identity

Modified Polycarboxylic Ether

### Uses and Applications

It is a high performance hyperplasticiser intended for applications where increased workability, retention, early setting is of prime importance and has been developed for use in Free flow concrete, concrete made with GGBS, Ready mix concrete, Pumped Concrete, High performance concrete

### Physical / chemical properties

Property	Value
Physical State	Light Brown to Dark Brown Liquid
Water solubility	Soluble
pH Range	7 - 8
Chloride Content	0 – 0.1

### Health Effects

The Polymer can cause skin irritation, eye irritation and may cause respiratory irritation on inhalation. Use proper PPEs while handling the product.

### Environmental Effects

The Polymer do not bioaccumulate in the water still do not allow undiluted product or large quantities to reach ground water, water course or sewage system.

### Exposure

#### ► Human Health

The product is only used for industrial purposes; therefore, consumer exposure is not relevant and does not need to be assessed for this product. For worker, follow appropriate Risk Management Measures to control risk of exposure.

#### ► Environment

According to GHS/CLP regulation this polymer does not fulfil the criteria for classification and labelling as “Hazardous to environment”.

## Risk Management Recommendations

Direct contact with the material should be handled while wearing proper PPEs. All personnel should be adequately trained for general handling of chemicals. Ensure adequate ventilation & observe the usual precautions for handling chemicals. Storage must be in non-metallic vessels. Keep away from oxidizing agents. Store in a cool enclosed place. Wash hands & skin following contact. If the product gets into your eyes, rinse eyes thoroughly for 15 minutes with tap water and seek medical attention, consult the doctor immediately.

## Accidental Release Measures

### ▶ Spill Containment

Avoid spills and prevent material from entering water bodies.

### ▶ Clean-up Procedure


Use protective equipment during clean-up. Avoid creating dust. Dispose of in accordance with local regulation.

## Regulatory Information/Classification and Labelling

### ▶ Regulatory Compliance

Product is compliant with GHS (India)

## Classification and Labelling

GHS/CLP Classification	Skin Irritation Category2 Eye Irritation Category 2A Specific Target Organ Toxicity – Single Exposure Category 3
Hazard Pictogram	
Signal Word	GHS07 Warning
Hazard Statement	H315 Causes skin irritation H319 Causes serious eye irritation H335 May cause respiratory irritation.
Precautionary Statements	Avoid breathing dust/fume/gas/mist/vapors/spray IF INHALED: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Dispose of contents/container in accordance with local/regional/national/international regulations

## Conclusion

Neutrol Admixture are Admixtures used in Concrete Industry that requires safe handling due to its Health Hazard. Workers handling this product must use protective gear, and facilities must implement safety protocols to avoid accidents and appropriate Risk Management Measures should be selected and applied to control risk of exposure. Exposure to environment is considered negligible. Also, this product has no supported uses in direct consumer products. For further information consult the Safety Data sheet available for this product.

## Contact Information Within Company

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