



KRISISPERSE – 47 H

(Homo Polymer)

PRODUCT DESCRIPTION

KRISISPERSE – 47 H is a low molecular weight polyacrylic acid homopolymer. It is highly effective as dispersant and scale inhibitor in industrial cooling water, boiler water treatment as well as in all types of water based formulation. It effectively inhibits calcium carbonate, calcium sulphate, magnesium carbonate, Magnesium Sulphate and barium sulphate scales. KRISISPERSE – 47 H shows good activity over wide range of pH, temperature and high hardness. It exhibits exceptional stability in presence of chlorine. It offer strong dispersant activity contrarily to phosphonates.

TYPICAL SPECIFICATIONS

Appearance	:	Clear colourless to pale yellow viscous liquid
Chemical Nature	:	Acrylic homopolymer
Average molecular weight	:	2000
Total solids (%)	:	47 ± 1
pH as is (at 25 ⁰ C)	:	2 – 4
Density at 25 ⁰ C gm/cc	:	1.17 ± 0.03
Viscosity Brookfield (m.Pa.S)at25 ⁰ C	:	≈ 200

APPLICATION

1. Industrial water treatment
 - a. Scale inhibition in open re-circulating cooling circuits
 - b. Dispersant for boiler sludge control
2. Oil field water treatment for preventing scale in both formation and production equipment.

HANDLING

Hand gloves and safety goggles must be used while handling the product.

STORAGE

It is nonflammable and non-combustible. It should be stored under shade. The product should not be exposed to direct sunlight.

PACKING

50kgs.HDPE CARBOUYIS / 200KGS. DRUMS.