



TECHNICAL DATA SHEET

SP0072 COAL DEWATERING SURFACTANT

PRODUCT DESCRIPTION: SP0072 COAL DEWATERING SURFACTANT is a highly effective wetting agent and surface tension depressant designed for use as a dewatering treatment for mineral filter cakes. It is recommended for use primarily in the filtration of coal concentrates and tailings, and iron ore and mineral sulfide concentrates such as copper, zinc, lead, and molybdenum dewatering aid. It effectively eliminates retained moisture, yielding improved cake texture requiring less drying.

PRODUCT SPECIFICATIONS

Activity	69.0 - 71.0 %
pH	5.0 - 7.0
Density	1.05-1.09 gr/lit
Viscosity	200 - 400 cps
Cloud Point	0°C

RECOMMENDED RATE OF APPLICATION

The product is effective when added to the aqueous slurry of coal or ore concentrate solids in an amount of 0.07 kg to 0.70 kg per metric ton of ore concentrate solids contained in the slurry. The actual concentration will depend on the type of mineral being dewatered as well as on the initial moisture contents of the mineral.

The best way to apply SP0072 COAL DEWATERING SURFACTANT is to initially make a 1% stock solution, by blending 1.45 parts of the COAL DEWATERING SURFACTANT with an equal amount of ethanol, then dilute with water to make 100 parts total. Use the stock solution to prepare final spray dilution.

