13,000 TPY SULPHONATION PLANT FOR SALE

**Capacity**

13,000 metric tons per year

**Products**

- Anionic surfactants: alkyl benzene sulphonates, alcohol sulphates, alcohol ethoxy sulphates.
- Non-ionic surfactants: detergent alcohols, linear alkyl benzene, detergent alcohol ethoxylates.
- Specialty surfactants: detergent concentrates.

**Major Equipment**

Thin film sulphonation reactor
So2/SO3 conversion tower
Neutralization vessel
Caustic scrubber

**BRIEF DESCRIPTION**

This sulphonation / sulphation plant manufactures detergent intermediates, the materials used to make detergents and cleaning products. The plant includes the following process sections: air drying, sulphur melting, burning & SO2 / SO3 conversion, sulphonation / sulphation, neutralization, exhaust gas cleaning. Sulphonation occurs in a multi-tube falling film reactor. The plant is equipment with an excellent waste management system for SO2/SO3 emission, sulphate liquor and waste water. The plant needs 2 operators per shift.

**CONTACT US FOR MORE DETAILS**

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