

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



Phoenix Equipment Corporation
www.phxequip.com
+1 732 442 6990

Jesse Spector
plants@phxequip.com

Edward Zhang
Plant Sales Director
plants@phxequip.com

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 equipped 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