

## Product Data

### DFR 228

*Paper Machine Defoamer*

#### DESCRIPTION:

**DFR 228** is an economical and effective water-based defoamer designed for use in a variety of industrial applications. It has found use in screen room operations, effluent treatment and paper making process. It is effective over a wide pH range and temperature of up to 55°C. It is free of mineral oil.

#### TYPICAL PROPERTIES:

Appearance	White Emulsion
Density @ 25 °C	0.96 ± 0.015
Ionic Nature	Non-ionic
Viscosity @ 25 °C	100 – 1000
% Solids	28 – 30 %
pH	6.5 – 8.5

#### FDA:

The components of this product comply with the regulations of the FDA as cited in 21 CFR 176.210.

#### USAGE:

**DFR 228** can be added neat as received or it can be diluted with water to form a transiently stable emulsion. **DFR 228** should be added to the substrate at a suitable point where intimate mixing occurs. Addition levels vary with foaming conditions and the type of process streams being treated. Typical dosages range from 100-1000 ppm.

#### Office / Factory :

Jl. Raya Sumpat No. 17, Driyorejo – Gresik, East Java \_ Indonesia  
Telp. (031) 7507156 Fax : (031) 7507400  
Email : info@indopicri.net

#### HEALTH AND SAFETY:

Avoid contact with skin, eyes and clothing. Avoid breathing any vapors and do not take internally.

Store the product in a relatively cool, dry place. Storage in stainless steel, plastic or epoxy lined containers is recommended.

#### EMERGENCY AND FIRST AID PROCEDURE:

Eyes: Flush with large amount of water for at least 15 minutes.

Skin: Wash with soap and water.

Inhalation: Remove to fresh air.

Ingestion: Do not induce vomiting. Give large amount of water. Seek medical aid.

#### PACKAGING:

**DFR 228** is packed in tote bin of 1000 kgs. net or in plastic drum of 200 kgs. net.