



Technical Data Sheet

ICC-Ethoxylated Products

Trade Name: TAE 10

Chemical Name: TALLOW AMINE ETHOXYLATE WITH 10 EO

Grade: Chemical

TAE 10 is a medium EO range tallow amine ethoxylate. TAE 10 is Insensitive to water hardness and can be combined with all types at nonionic and cationic surfactants and as well as Resistant to most chemicals at typical concentrations used.

Application

TAE 10 is a medium EO range tallow amine ethoxylate. TAE grades can be combined with all types at nonionic and cationic surfactants, and are compatible with anionic products on a case-by-case level. The TAE grades are resistant to most chemicals at typical concentrations used and insensitive to water hardness.

Storage and Handling

Precautions in Handling: Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.

Storage Condition: Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.

Fire Protection: Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

Shelf life: The shelf life of Tallow Amine Ethoxylated stored bulk and unopened drums are, at least, 24 months.

Safety

Appropriate literature has been assembled which provides information concerning the health and safety precautions that must be observed when handling TAE10.

Before working with these products, you must read and become familiar with the available information on their hazards, proper use, and handling .

TEST	STANDARD TEST METHOD	STANDARD
Appearance	—	Liquid
pH	ASTM D-1172	alkaline
Amine Value	ASTM D-2074	70-80
HLB	ASTM D-4252	12.5
Water, percent	ASTM E-203	Max.1.0

Health Effects

Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration .

Ingestion: Rinse mouth with plenty of milk or water (only if victim is conscious and alert). Get medical aid immediately .

Skin Contact: If skin contact occurs, wash the affected area with plenty of water and a neutral soap for a minimum of 5 minutes .

Eye Contact: If eye contact occurs, wash with plenty of clean water or amphoteric eye solution for a minimum of 15 minutes, holding the eyes open, medical advice should be followed.