

Sulfochem™ TD-3PHP surfactant

Gentle cleansing and foam-producing surfactant great for shampoos

INCI Name: Sodium Trideceth Sulfate

Sulfochem™ TD-3PHP surfactant is a 3 mole surfactant that is an excellent choice for shampoo or skin cleansing systems where mildness is important. Its unique foaming characteristics combined with gentle detergency make Sulfochem™ TD-3PHP surfactant invaluable in baby shampoo formulations. It is also very effective in acid balanced shampoo systems, cleansers, bath products and shower gels.

APPLICATIONS

- Body Wash (Bath & Shower)
- Facial Cleansers (Bath & Shower)
- Hand Soap (Bath & Shower)
- Shampoo (Hair Care)

FEATURES AND BENEFITS

- 1,4-Dioxane levels of 15 ppm maximum
- Excellent flash foam
- Gentle cleansing
- Low color
- No added preservative

NATURE BASED MATERIALS

- Corn (Zea Mays) - USA

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For further information, please visit: www.lubrizol.com/personal-care

PHYSICAL DESCRIPTION AND USE

- **Color/Appearance:** Colorless To Light Yellow
- **Form:** Liquid
- **Odor:** Slight

SPECIFICATIONS

Product Specification	UOM	Minimum	Maximum	Test Frequency	Test Procedure
ACTIVES, ANIONIC	%	29	30	Each Lot	ACM-34
COLOR, APHA			150	Each Lot	ACM-30
COLOR, GARDNER			2	Each Lot	ACM-33
APPEARANCE (CLEAR)		Pass		Each Lot	VISUAL
SODIUM CHLORIDE	%		1	Each Lot	ACM-4
COLOR, APHA @ pH 6.5 - 7.0			100	Each Lot	ACM-30
SODIUM SULFATE	%		1.5	Each Lot	ACM-7
PH, 10%		10	10.8	Each Lot	ACM-23
PPM DIOXANE	ppm		15	Each Lot	ACM-72
UNSULFATED	%		2	Each Lot	ACM-48

MANUFACTURING LOCATION(S), STORAGE AND HANDLING

Recommended Retest Period

Recommended retest period is 730 days from the date of manufacture.

Storage and Handling

Store in closed containers above 45°F (7°C) and below 110°F (43°C). If stored below 45°F, this material may stratify. If this occurs, the product may be gently warmed with strong agitation to reconstitute the material. This material may also stratify if kept at temperatures above 110°F (43°C). If this occurs, the product will need to be mixed before using. Consult the Safety Data Sheet (SDS) for additional pertinent information.

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