

SPECIFICATIONS



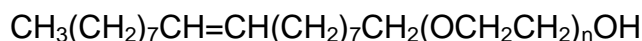
Product Code:

Updated: 06/03/94

Updated: 06/04/02

RITOLETH 5 **INCI Name: Oleth 5**

DEFINITION: RITOLETH 5 is the polyethylene glycol ether of Oleyl Alcohol that conforms to the formula:



where n has an average value of 5

EMPIRICAL FORMULA: $\text{C}_{28}\text{H}_{56}\text{O}_6$

DESCRIPTION: RITOLETH 5 is an ethoxylate of high quality oleyl alcohol. This emulsifier is nonionic in nature and is compatible with most anionic, cationic and other nonionic surfactants. It is odorless and colorless in nature.

RITOLETH 5 is recommended for a wide variety of cosmetic and pharmaceutical preparations including gels, creams, lotions, shampoos, bath and hair products. It is excellent as a solubilizer for fragrance oils and other materials which are difficult to include in cosmetic formulations.

GENERAL DATA:

Physical Form @ 25°C	Clear to slightly yellow liquid
HLB	8.8
CAS Number	5353-27-5,9004-98-2

SPECIFICATIONS:

Hydroxyl Value	120 - 133
Acid Value	2.0 Max
Moisture	3.0 Max

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