

Product
Name

Chemical
Structure

Chemical
Description

INCI Name

CAS
Registry No.

CEDEPAL[®] TD-403 MFLD

$C_{13}H_{27}(OCH_2CH_2)_nOSO_3Na$

Sodium Tridecyl Ether Sulfate

Sodium Trideceth Sulfate

25446-78-0

Applications

CEDEPAL TD-403 MFLD is a mild branched chain alkyl ether sulfate. It is used in personal care products including shampoos, handsoaps and bath products. It has excellent wetting and foaming properties. It is also used for mild cleansing and baby products and it is used as an emulsifying agent. CEDEPAL TD-403 MFLD is preserved with formaldehyde.

Typical
Properties

Appearance at 25 °C Clear liquid
pH, 10% aqueous 8.3
Actives, % (EW 434) 30
Color, Gardner 2 max.
Viscosity, cps at 0 °C 2060
Viscosity, cps at 25 °C 700
Viscosity, cps at 60 °C 160
Flash Point, PMCC, °C (°F) >94 (>201)
Density, g/ml (lbs/U.S. gal) 1.03 (8.6)
RVOC, U.S. EPA, % 0
Preservative Formaldehyde

Biodegradability

Product is biodegradable. A detailed biodegradability statement is available upon request.

Storage &
Handling

Normal safety precautions (i.e., gloves and safety goggles) should be employed when handling CEDEPAL TD-403 MFLD. Contact with the eyes and prolonged contact with the skin should be avoided. Wash thoroughly after handling material.

It is recommended that CEDEPAL TD-403 MFLD be stored in sealed containers and kept in a cool, dry place. Polyethylene drums are recommended for storage of CEDEPAL TD-403 MFLD. If material is frozen, mild heat and agitation are recommended to ensure the material is homogeneous before use.

Bulk Storage Information: CEDEPAL TD-403 MFLD should be stored in 316 stainless steel or fiberglass with a corrosion liner. Mild agitation is recommended while storing to maintain homogeneity. Material should be stored between 90-125 °F (32-52 °C). An internal hairpin coil of 316 stainless steel with low pressure steam (under 50 psig) should be used if heating is required. Pumps, pipes and transfer lines should be 316 stainless steel.

Standard Packaging: CEDEPAL TD-403 MFLD is available in bulk and 55 gallon drums (net weight: 475 lb/215 kg).



Clearances

All components of CEDEPAL TD-403 MFLD are listed in the following countries; the registration number for the active ingredients are included in parentheses: United States (TSCA 25446-78-0), Europe (EINECS 246-985-2), Japan (ENCS 2-1682), Canada (DSL 25446-78-0) and Australia (AICS 25446-78-0).

It is the responsibility of the end user to review the chemical control regulations for each country.

Product Stewardship

This product bulletin has been written in accordance with ACC's Product Stewardship guidelines.

Additional Safety Information

A Safety Data Sheet is available upon request.

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