



Technical Data Sheet

Diocetadecyl dimethyl ammonium chloride D1821

Dimethyl di(hydrogenated tallow) ammonium chloride

CAS No. : 107-64-2/61789-80-8



Product Description

This product is ammonium salt cationic surfactant. With excellent penetration, soft, emulsification, antistatic performance and sterilization. Good Chemical stability, heat resistance, resistance to light, strong acid and alkali resistance, and can dissolve in and hot water. Have good compatibility and collaborative effect with cation, non-ion surfactant and dyes.

Specification

Item	Spec.	
Appearance (25°C)	Pale yellow plaster	Pale yellow plaster
Cationic Actives (%)	74.0-76.0	84.0-86.0
Color, (Gardner)	3 max	3 max
Free amine + amine salt (%)	2.0max	1.5max
Ash (%)	0.15max	0.15max
pH value (5% 1:1 IPA/water)	6.0—9.0	6.0—9.0

Isopropanol (%)	14.0-16.0	10.0-11.0
Melting point (°C)	34-38	34-38
Water (%)	7.0-11.0	4.0-6.0
Methyl chloride (mg/kg)	15max	10max

Usage

- Emulsifier: silicone oil emulsifier; protect hair vegetable, cosmetics emulsifier, asphalt emulsifier and building waterproof paint emulsifier.
- Control additives: synthetic fiber antistatic, fabric softener.
- Modified additives: organic bentonite modifier.
- Flocculation agent: biological pharmaceutical industry prepared protein, sewage treatment flocculation agent.
- Other: glass fiber soft processing agent.

Packing and Storage

Item	Packing	Quantity/FCL	N.W./FCL	G.W./FCL
D1821	175Kgs/Iron Drum	80Drums	14.00MT	14.76MT

- Net 175 Kg, iron Drums
- One year original packing store in 32 °C or less than 32 °C since production date. Store in dry and ventilated place, avoid sun and rain.

Transport Information

DOT Classification: Class 9: Corrosive material

UN:3077 PG:3

HS Code: 2934 99 90

Note:The information and recommendations in this publication are to the best of our knowledge reliable.However, nothing herein is to be construed as a warranty or representation. Users should make their own tests to determine the applicability of such information or the suitability of any products for their own particular purpose. Statements concerning the use of the products described herein are not to be construed as recommending the infringement of any patent and no liability for infringement arising out of any such use is assumed.