TECHNICAL DATA SHEET

DiHydrogenated Palmoylethyl Hydroxyethylmonium Methosulfate (Esterquat)

Specifications

Parameter	Specifications
INCI NAME	DiHydrogenated Palmoylethyl Hydroxyethylmonium Methosulfate
Appearance	Pale yellow Paste
Colour in Gardner	5 max.
Odour	Characteristic
Solids content, %	89–91% min.
Acid Value (mg KOH/g)	12.1 Max
Total Amine Value (mg KOH/g)	5.8 Max
pH @ 5% Solution (IPA : WATER 50:50)	2–4
Moisture	1.5% Max
Melting Point	40°C
Flash Point	25–35°C
Volatile Solvent	Isopropyl Alcohol

CAS Number: 91995-81-2
H.S. Code: 34024100
Storage

Chemically stable for a long period under appropriate storage conditions of **25°C** and original unopened container, it is recommended that the material is stirred for priority use.
Advisable to homogenize the product at **50°C** before use.
Prolonged storage at elevated temperatures (Approx. **40°C**) will result in product discoloration.
Shelf Life is **1 year** from manufacture date.
For additional storage and handling information, please refer to the **MSDS**.
Packing

220 Kg Open Top HDPE Drums

Application

SPAKQUAT-271 can be used in household and institutional products.
SPAKQUAT-271 is sourced from vegetable raw material and provides the following benefits:

- Good softening
- Good antistatic properties
- Very good rewetting
- Non-yellow on clothing

This is a new-generation fabric softening agent that combines a good environmental profile with the structural features required for an effective fabric conditioner.
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