

Soyethyl Morpholinium Ethosulfate

Description

- PTG-D1 is a cationic product that has been specifically designed to eliminate a wide range of odors, while providing a number of performance benefits to household and personal care formulations
- PTG-D1 complexes with many different malodorous materials and fixes them in place, thus rendering them nonvolatile
- It is an effective alternative to the popular deodorant and antiperspirant actives such as aluminum chlorohydrate and aluminum zirconium salts, although it is strictly a deodorant and not an antiperspirant
- PTG-D1 is a proven odor reduction ingredient, the properties of which can be used to advantage in certain permanent hair dye formulations, carpet and fabric treatments, pet care (e.g., in pet deodorizing products, cat litter, etc.), and many other applications

Benefits

- Eliminates a wide variety of malodors
- Emulsifier/solubilizer
- Economical in use-only 1-2% (0.35-.70% active) use level in most formulations
- Liquid and easy to formulate
- Conditions and softens hairs
- Provides long lasting antistatic properties
- Broad pH tolerance (pH 3-11)

Applications

- Deodorizing Hand Wash
- Homes, hotels, and car deodorizer
- Textile and laundry deodorizer
- Effluent/sanitary, landfill odor control
- Food processing plant odor control
- Permanent and hair dye deodor

Typical Properties

Property	Value
Appearance	Clear, brown liquid
Ionic Character	Cationic
% Moisture	64
pH	8
% Natural on active	>51
Basis	30
HLB	

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