



Pureact T-A

INCI Name: Trideceth-7 Carboxylic Acid

CAS No.: 56388-96-6 EINECS No.: Exempt Polymer

Pureact T-A

Pureact T-A is the free acid form of Pureact T-GEL. It is an ethylene oxide condensate. When converted to a salt by neutralisation, a crypto-anionic salt of the base is formed. Pureact T-A is compatible with nonionics, anionics and cationics with detergent, wetting and emulsifying properties.

Applications

Buffer in acid detergents, especially acid shampoos based on lauryl sulfates or lauryl ether sulfates, when partially neutralised (ammonia recommended for neutralisation).

Detergent, wetting agent and dispersant in metal cleaning and processing.

Solvent cleaners, clear or emulsions with water and solvent. Oil emulsifier as is or as a di- or trivalent metallic salt or as an amine salt.

In cationic-anionic formulations as a compatibilising agent in the partially neutralised state or as the neutralised salt. Especially useful in conditioning shampoos containing anionic detergents and cationic polymers or cationic conditioners.

Product Specification (Not intended for use in preparing specifications)

Appearance	Clear light yellow slightly viscous liquid
Chemical nature	Anionic
Solids	90 - 91%
Colour, Gardner	1 - 2
Sodium Chloride	0.4 - 0.8%
Solubility	Dispersible in water; a 1% aqueous dispersion is slightly hazy. Soluble or dispersible in common organic solvents.
Cloud point (as is)	65 - 80°C (No cloud point when converted to a salt)
Acidity (mg KOH/g)	48 - 52



For further information, please email your region:
america-ac@innospecinc.com, aspac-ac@innospecinc.com, emea-ac@innospecinc.com
www.innospecinc.com

Issue No. 3/2008

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