

ENDICARE[™] ETP-520

INCI Name: Sodium Polyacrylate (and) Mineral Oil (and) Trideceth-6

DESCRIPTION

Endicare[™] ETP-520 is anionic acrylic polymer dispersed in USP white mineral oil. It is typically used to thicken aqueous solutions and to formulate stable O/W emulsions. Coast Southwest developed Endicare[™] ETP-520 specifically for personal care, cosmetic and household products.

FEATURES and BENEFITS

Easy-to-use liquid
Neutralization is not a required step.
Creates highly stable oil-in-water emulsions regardless of the oil phase
Thickens, emulsifies, and stabilizes
Can be added at any stage of the manufacturing process
HLB calculations are not necessary.

TYPICAL PROPERTIES

Appearance	White, mobile liquid
Odor	Slightly acrylic
Actives %	57.5%
Viscosity (as is)	400 - 1400 cps (LVT sp.3 @30 rpm)
Viscosity (1% solution)	7000 -13000 cps (RVT sp.6 @50 rpm)
pH (1% solution)	5-7

APPLICATIONS

Endicare[™] ETP-520 is a highly effective and easy to use thickening, emulsifying, and stabilizing agent.

Endicare[™] ETP-520 is characterized by it's great versatility. It is used in both hair care and skin care (body and face) products, and is recommended for O/W emulsions and cream-like gels. This polymer dispersion gives light and melting textures, with no sticky or greasy after-feel. Its particular rheology profile helps spreading high viscous products.

Recommended use level: 0.2 to 4.0%

STORAGE and PACKAGING

Endicare[™] ETP-520 should be stored at a temperature between 10°C and 40°C. Store in original packaging or glass, stainless steel, plastic, or epoxy-lined container. Do not store in mild steel, copper, or aluminum containers. Endicare[™] ETP-520 has a shelf life of twelve months.

Endicare[™] ETP-520 is available in 60kg drums.

CAS Number: mixtures
EINECS Number: mixtures

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