PILOT CHEMICAL COMPANY
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MACARE® HP-230

PRODUCT DATA SHEET

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PRODUCT DESCRIPTION

Macare® HP-230 is a 30% active Acrylates copolymer for use in haircare, styling, and other cosmetic formulations.

COMMON CHEMICAL NAME

Acrylate copolymer

CAS #

25035-82-9

TYPICAL PROPERTIES

Appearance	Milky white emulsion
pH (as is)	2 – 4
Acid Value, mg. KOH/ g.	85 – 105
Water Solubility	Dispersible (*soluble when neutralized*)
Ethanol Solubility	Soluble
Shelf Life	1 Year

APPLICATIONS

Macare® HP-230 is a low viscosity, acrylic emulsion polymer designed for use in pump and aerosol mousse hair fixative and styling products. Macare® HP-230 delivers flexible hold performance, curl retention with humidity resistance, and good wash-out removability for no residue or buildup. When neutralized, Macare® HP-230 provides clear, practically colorless, film-forming solutions that allow formulators to produce styling products with volume, soft feel, and dry comb-ability. Macare® HP-230 is ideal for use in hair spray, styling creams and mousse formulations.

ADVANTAGES

Macare® HP-230 supplied as an aqueous emulsion for ease of use when mixing into hair fixative formulations. The emulsion form allows for exceptionally low viscosities in high water formulations, with molecular weights optimized for humidity resistance, imparting a light, cushiony feel and an enhanced tactile experience in use. Macare® HP-230 is compatible with nonionic, amphoteric, and anionic surfactants.

HANDLING & STORAGE

Refer to the Macare® HP-230 SDS (Safety Data Sheet) before handling. Avoid contact with eyes, skin, and clothing. Wear appropriate personal protective equipment and observe good industrial hygiene practices. Store in a tightly closed container. Do not store with strong oxidizing agents. Avoid freezing and excessive heat. Recommended storage temperatures are 45-120°F.

PACKAGING

Macare® HP-230 is available in 450 lb. poly drums.

See starting formulas and additional product information at www.pilotchemical.com.

The information and suggestions given are drawn from data we believe to be reliable, but in all cases, the user should check and confim the suggestions and results in his own use before proceeding further. None of the suggestions or recommendations constitute freedom from any patents that may be existent in the field or be issued.

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