



Technical Data Sheet

UCARE™ Polymer JR-125

INCI Name: Polyquaternium-10

UCARE™ Polymer JR-125 delivers light to strong conditioning to hair and controlled deposit of actives. It also enables the formulation of clear shampoos with no build-up on hair and avoids volume-down effects and is recommended for sprayable products and mild surfactant systems.

UCARE™ Polymer JR-125 has a cellulosic backbone derived from natural, renewable cotton and/or wood sources and hence can support “green” label claims.

Features & Benefits

- Improves appearance and feel of damaged hair
- Volume-friendly with no build-up
- Mends split ends and frizzy flyaways
- Can be used in clear formulations
- Helps restore the barrier function of skin
- Delivers post-application elegance
- Supports a “natural,” non-toxic label claim
- Light conditioning on hair
- Improves combability and feel of hair and reduces frizz

Applications

- Shampoos
- Body washes
- Liquid or bar soaps and moisturizers

Typical Properties

Specification Writers: These values are not intended for use in preparing specifications.

Property	Unit	Result
Appearance		Powder or granules, white to off-white
Viscosity (2% aqueous solution, #1 spindle)	cP	75–175
Nitrogen	%	1.5–2.2

**Handling
Precautions**

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE SAFETY DATA SHEET IS AVAILABLE ON THE DOW WEBSITE AT DOW.COM, OR FROM YOUR DOW SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CUSTOMER SERVICE.

**Usable Life and
Storage**

Store in a cool, dry place. Protect from atmospheric moisture. Avoid prolonged exposure to heat and air.

Limitations

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

**Health and
Environmental
Information**

To support customers in their product safety needs, Dow has an extensive Product Stewardship organization and a team of product safety and regulatory compliance specialists available in each area.

For further information, please see our website, dow.com or consult your local Dow representative.

**Disposal
Considerations**

Dispose in accordance with all local, state (provincial) and federal regulations. Empty containers may contain hazardous residues. This material and its container must be disposed in a safe and legal manner.

It is the user's responsibility to verify that treatment and disposal procedures comply with local, state (provincial) and federal regulations. Contact your Dow Technical Representative for more information.

**Product
Stewardship**

Dow has a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern is the basis for our product stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take appropriate steps to protect employee and public health and our environment. The success of our product stewardship program rests with each and every individual involved with Dow products - from the initial concept and research, to manufacture, use, sale, disposal, and recycle of each product.

Customer Notice

Dow strongly encourages its customers to review both their manufacturing processes and their applications of Dow products from the standpoint of human health and environmental quality to ensure that Dow products are not used in ways for which they are not intended or tested. Dow personnel are available to answer your questions and to provide reasonable technical support. Dow product literature, including safety data sheets, should be consulted prior to use of Dow products. Current safety data sheets are available from Dow.

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