



## UCON™ Fluid 50-HB-660 Personal Care Grade

### Features & Benefits

A low-viscosity fluid that provides emolliency, solvency, and slip in skin lotions, eye makeup removers, and deodorants.

- Emolliency in various formulations
- Range of solubilities depending on fluid grade
- Solvency of difficult to solubilize actives
- Improved spreadability
- Viscosity adjustment of shampoo and body wash formulations

### Composition

- INCI Name: PPG-12-Buteth-16

### Applications

- Body wash
- Shampoo
- Hair styling/treatment
- Skin lotions and toners
- Daily UV wear

### Typical Properties

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

Property	Unit	Result
Appearance		Liquid, Colorless to yellow
pH (10% in water)		5.5 – 7.5
Water	WT%	0.13 Max
Viscosity at 40°C	cSt	124 - 136

NOTE: The physical data presented above are typical values and should not be construed as a specification.

### Handling Precautions

Avoid breathing mist. Use with adequate ventilation. Keep container closed. Spills of these organic materials on hot fibrous insulations may lead to lowering of the autoignition temperatures possibly resulting in spontaneous combustion.

### Usable Life and Storage

UCON™ Fluid 50-HB-660 Personal Care Grade should be store in the following material(s): 316 stainless steel. Carbon steel. Glass-lined container. Polypropylene. Polyethylene-lined container. Stainless steel. Teflon. This material may soften and lift certain paint and surface coatings. Use product promptly after opening. Store in original unopened container. Unopened containers of material stored beyond the recommended shelf life should be retested against the sales specifications before use. Additional storage and handling information on this product may be obtained by calling your sales or customer service contact.

## **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.

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