



## EcoSense™ 919 Surfactant

INCI name: Coco-Glucoside

C<sub>8</sub>—C<sub>14</sub> fatty alcohol glucoside

Surfactant Type: Nonionic

- Mild
- Produces moderate to high stable foam
- Compatible with broad range of surfactants and polymers, including cationic ingredients
- 100% vegetable origin
- Solvent-free
- Self-preserved
- Low eco-toxicity and toxicity
- Readily biodegradable

### Physical Properties

The following are typical properties of EcoSense™ 919 Surfactant; **they are not to be considered product specifications.**

Actives % / Solvent	50 / Water
Cloud point <sup>(1)</sup>	>100
HLB <sup>(2)</sup>	12-14
CMC <sup>(3)</sup> / surface tension <sup>(4)</sup>	67.2/28.7
Pour point	-18°C
Form <sup>(5)</sup>	Hazy pale yellow liquid
pH, 10% aq solution	12
Viscosity at 40°C (104°F), cSt	1000
Density at 40°C (104°F), g/mL	1.11
Flash Pt, Closed Cup, ASTM D93	>100°C (est)

<sup>(1)</sup>Cloud point: °C, 1% Aqueous, <sup>(2)</sup>HLB Range: <10 w/o emulsifier, >10 o/w emulsifier, <sup>(3)</sup>Critical micellization concentration: ppm at 25°C, <sup>(4)</sup>Surface tension: dynes/cm at 0.1% actives, 25°C, <sup>(5)</sup>Form at 25°C

- Shampoo
- Body Wash
- Bubble Bath
- Hand and Facial Cleanser
- Liquid and Bar Soap
- Conditioner
- Baby Wipes

- Soluble in water
- Soluble in concentrated electrolyte solutions
- Chemically stable in the presence of acids, bases and salts
- Compatible with anionic, amphoteric, cationic, and other nonionic surfactants

The product should not be stored at temperatures below 15°C, or above 40°C. If crystallization or sedimentation occurs when stored at temperatures below 15°C, the product should be heated and stirred until uniform before use.

Before using this product, consult the Material Safety Data Sheet (MSDS)/Safety Data Sheet (SDS) for details on product hazards, recommended handling precautions and product storage.

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 Personal Care Technical Representative for more information.

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