

# Honeywell Asensa® CL 100 & 101

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**INCI Name:**  
**Oxidized Polyethylene**

**CAS: 68441-17-8**

**EINECS: 200-815-3 (monomer)**

**Listed in the following registries:**

TSCA (US), DSL (CAN), ENCS (Japan), AICS (Australia), IECSC (China), KECI (Korea), PICCS (Philippines)

## PRODUCT DESCRIPTION

**Asensa CL 100** and **Asensa CL 101** are high quality micronized oxidized polyethylene grades used primarily in pressed powder applications where their ability to provide dry-binding results in a pleasant cool, dry feel to the cake, yet prevents shattering upon impact. The two materials differ primarily in average particle size and combinations are often used to obtain a specific feel and hardness. Their use also results in a very uniform, matte appearance with improved payoff. These materials are also used to contribute a lubricious feel to formulations, and are used for that purpose in deodorants, antiperspirants, baby products and a variety of creams, lotions and powders where a soft, dry after feel is desired. The slightly polar nature of the oxidized grades of polyethylene can contribute to their compatibility with more polar oils used in various formulations

## TYPICAL PROPERTIES:

Property	Asensa CL 100	Asensa CL 101
Hardness @ 25° C (dmm)	< 0.5	< 0.5
Drop Point, Mettler (°C)	137	137
Density (g/cc)	0.99	0.99
Viscosity @ 150° C Brookfield (cps)	8,500	8,500
Acid Number (mg KOH/g)	26-40	26-40
Average Particle Size (µm)	6	12
Physical Form	Micronized Powder	Micronized Powder

## APPLICATIONS

As ingredients in:

- Pressed Powders
- Deodorants/Antiperspirants

Asensa CL 100 & 101 function as suspension aids, binders, and flattening or texturizing agents. These products provide improved payout and are often added to obtain a smoother, silkier feel.

## HANDLING

The expiration date for these products is five years after shipment, provided the original packaging is intact. Please see product MSDS for any further handling instructions.

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