

**Casid® HSA**  
Technical Data Sheet



**Product Identification**

Casid® HSA is 12-hydroxystearic acid and conforms to the following structure:



<b>INCI Name</b>	Hydroxystearic Acid
<b>Chemical Abstracts Registry Number</b>	106-14-9
<b>EINECS</b>	203-266-1
<b>J.C.I.D.</b>	(12-Hydroxystearic Acid) 520918

**Product Features**

- Efficient, thixotropic viscosity builder
- Secondary emulsifier for O/W emulsions
- Higher melting point than stearic acid
- Vegetable-based
- Moisturizes via occlusivity and humectancy
- Gives structure to solid, anhydrous systems

**Typical Properties**

<b>Property</b>	<b>Value</b>
<b>Appearance</b>	White to off-white flakes
<b>Activity</b>	100%
<b>Melting Point (°C)</b>	76

**Packaging**

**Applications**

CASID HSA will gel hydrocarbons, many esters, and certain silicones. Additionally, formulators may make salts of CASID HSA *in situ* (e.g. triethanolamine) for use as primary oil-in-water emulsifiers. The product finds applications in anhydrous, pigmented lip gels, antiperspirants, cosmetic pencils, hair styling waxes, creams, and lotions.

**Solubility**

Deionized Water	Propylene Glycol	Cyclomet hicone	SD-40 Alcohol	Isopropyl Myristate	Castor Oil	Light Mineral Oil
insoluble	miscible warm	insoluble	miscible warm	soluble at 5% w/w	miscible warm	miscible warm