

# Technical Information



## ARIES 1135

Web: [www.aries-chem.com](http://www.aries-chem.com)

E-mail: [Aries@aries-chem.com](mailto:Aries@aries-chem.com)

**Chemical Name:** Octyl-3,5-di-tert-butyl-4-hydroxy-hydrocinnamate

**Molecular formula:** C<sub>25</sub>H<sub>42</sub>O<sub>3</sub>

**CAS NO. :** 125643-61-0

### Performance Properties:

Appearance	Colorless or canary liquid
Melting Range	50.0-55.0°C
Solubility	Clear solution
Water content, %	≤0.10%
Acidity, mgKOH/g	≤1%
Assay	≥98.0%

### Applications:

ARIES 1135 is an excellent antioxidant for various polymers. For PU soft-foam rubber plate, it can prevent polybasic alcohol from creating peroxide during storage period, and prevent scorch during the process of froth. With low volatility and outstanding compatibility, it shows especially good effect during the process of forced air cooling of PU.

This function can also prevent surface fogging of auto parts and fabric's coloring. The low volatility and liquid state of ARIES 1135 make it especially suitable under the condition of liquid, latex, suspension, solution or melting polymerization and processing.

ARIES 1135 is easy to be emulsified, therefore can be dissolved, dispersed or kept pure liquid state. ARIES 1135 can be added before, in the middle of, or after polymerization. The amount to be used may be 0.15%~0.50%.

### Packaging and Storage

Packed with metal pails, net weight 185 kg/pail, or according to customers' requirements.

Store in a cool area designed for the storage of chemicals. Period of validity: Normally 24 months.