

## **ANOX™ 1315**

### **Phenolic antioxidant**

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#### **Description**

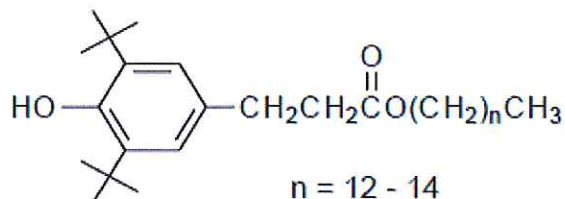
**ANOX™ 1315 stabilizer** is a highly effective, very low emissive, non-discoloring, liquid hindered phenolic antioxidant. It is an efficient antioxidant for any kind of polymer providing very good protection against degradation due to heat and oxygen.

- Excellent antioxidant for polymers (i.e., PVC, PE, ABS, SBR, BR, and NBR).
- Excellent antioxidant for lubricating oils, both engine and cutting.
- For use in polyether and polyester polyols for polyurethane foams for storage and scorch protection because of its efficiency and favorable low volatility. It can be used for a variety of applications in the coating, furniture, bedding and automotive industry where strict emission regulations are applied.

It can be added with additional antioxidants and/or co-stabilizers and/or light stabilizers.

#### **Chemical Structure**

3,5-Bis (1,1-dimethylethyl)-4-hydroxy-benzenepropanoic acid, branched C<sub>13-15</sub> alkyl esters.



#### **CAS Reg. Number:**

171090-93-0

**Typical physical properties of ANOX™1315**

Appearance	Viscous, clear yellow liquid
Crystallization Point	Fluid at RT, starts crystallization at temp. < - 20°C
Specific Gravity @ 20°C	0.93
Viscosity @ 30°C [mPa·s]	~360 - 400
Flash point	178 °C

**Thermogravimetric Analysis (10 mg @ 10°C/min under N<sub>2</sub>)**

Weight Loss [%]	5	10	25
Temperature [°C]	244	263	287

**Features**

- Easy to handle low-viscosity liquid antioxidant.
- Great compatibility and solubility to various substrates, rendering the product highly flexible in its uses.
- Liquid even at temperatures below freezing point.

**Food Contact Regulatory Status**

For details please contact SI Group Regulatory Affairs.

**Storage and Handling**

The use of proper protective equipment is recommended. Excess exposure to the product should be avoided. Wash thoroughly after handling. Containers should be kept sealed when not in use. **ANOX™ 1315** shall be stored at ambient temperatures below 25°C in dry, well-ventilated area away from incompatible materials. Unless otherwise stated, proper storage will permit usage of the product for 1 year from the date of receipt.