

### **Emerald Innovation™ NH-1** Phosphorus Flame Retardants

#### **Description**

Low viscosity liquid flame retardant engineered for use in flexible polyurethane foams.

#### **Chemical Composition**

Proprietary

#### **Appearance**

Clear liquid

#### **Typical Properties\***

Property	Nominal Value	Unit
Phosphorus content	7.9	%
Density at 23°C	1.13	g/cm <sup>3</sup>
Viscosity at 23°C	82	mPa·s

\*The analytical data are guide values.



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#### **Application**

Emerald Innovation™ NH-1 is used as flame retardant in flexible polyurethane foams. It offers outstanding resistance to foam discoloration (scorch) combined with a superior compression set. It is suitable for foams based on polyether and polyester polyols.

#### **Storage conditions**

If stored correctly and kept in the original sealed container, the product has a shelf life of at least 1 year.

#### **Handling**

Consult the safety data sheet for relevant safety data & references as well as possibly necessary warning labels.

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North America  
+1.833.LANXESS  
customer.care@lanxess.com

Europe, Middle East & Africa  
+44.161.875.3800  
emea.export@lanxess.com

South & Central America  
+55.19.3522.5083  
atendimento.cliente@lanxess.com

Asia Pacific  
+86.21.6109.6666  
Orders.apac@lanxess.com

