



# NAUGARD™ PHR phosphite

## Phosphite Antioxidants

## Description

**NAUGARD™ PHR phosphite** is a grade that contains up to 1% triisopropanol amine for improved hydrolysis resistance.

## **Applications**

Used as a stabilizer of rubber at levels of 1 to 1.5 phr RHC and plastics at <0.5% in combination with phenolic antioxidants.

#### **Product Features**

- Used as a stabilizer for SBR, BR, NBR, & EPDM (Royalene™) polymers
- Prevents resinification of the polymer during manufacturing and storage
- Protects polymers against heat and oxygen degradation during processing

#### **Chemical Name**

Tris(mono-nonylphenyl) phosphite

#### **Formula**

## NAUGARD™ PHR phosphite

$$P = O \longrightarrow C_9H_{19}$$

## Typical physical properties of NAUGARD™ PHR phosphite

Appearance	Light yellow, viscous liquid	
Specific Gravity @ 25 / 15.5°C	0.98	
Viscosity @ 21°C (70°F)	About 5,200 cps	

\* NAUGARD™ PHR phosphite is also available adsorbed on an inert carrier as 70% active powder.

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#### TECHNICAL DATA SHEET



## Discoloration

Non-staining and non-discoloring

## **Food Contact Regulatory Status**

For details please contact SI Group Regulatory Affairs.

### **Storage and Handling Precautions**

Ensure sufficient ventilation is in place to minimize vapor exposure. Avoid all personal contact. Observe good personal hygiene. No specific health hazards have been identified.

**NAUGARD™ PHR phosphite** keeps stability in excess of one (1) year when stored under normal conditions in a cool, dry place away from any direct sources of heat and moisture.

For additional handling and toxicological information consult the SI Group Material Safety Data Sheet