

# Everaox<sup>®</sup> 201

## Phosphite type antioxidant for plastic applications

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### Introduction

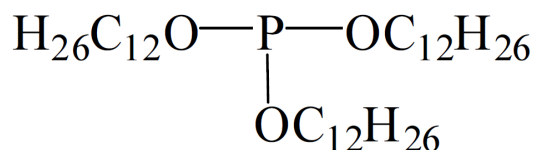
Everaox<sup>®</sup> 201 is a low phenol content trialkyl phosphite type antioxidant which can be used as a lubricant additive and also mix with metal heat stabilizers in PVC compounding. As a secondary antioxidant, Everaox 201 reacts with hydroperoxides and can be used in combination with primary antioxidants. The blend can offer an outstanding protection against the polymer degradation induced by oxidation.

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### Chemical Name

Trilauryl Phosphite

### Chemical Structure



(CAS number) 3076-63-9

Molecular Weight 586 g/mol

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### Physical Properties

Appearance

Clear Liquid

Specific gravity(25°C)

0.866~0.881

### Advantages :

Protect polymer against thermo-oxidative degradation during manufacture and processing.

Increase the service life time heat resistance of finished articles.

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## Recommendation

Everaox<sup>®</sup> 201 is particularly recommended for polyurethane, PVC, polyester fibers and polypropylene, solvent-based coatings, elastomers, adhesives& sealants, and other organic substrates.

Typically dosage range of Everaox<sup>®</sup> 201 is 0.05 – 1.0 % by weight and provides long term thermal stability to the polymer.

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## Handling & Safety

Personal equipment for protection is recommended. Excess exposure to the product should be avoided. Wash thoroughly after handling.

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## Storage Conditions

Everaox<sup>®</sup> 201 should be kept in a dry, dark place without any light exposure.

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The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the products for a particular purpose. Seller makes no representation or warranty to express or implied including of merchantability or fitness for particular purpose.

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