



PRODUCT INFO  
& DATASHEET

# PROPYL GALLATE

## Foodgrade Antioxydant

### **PRODUCT DESCRIPTION**

Propyl gallate is a foodgrade antioxydant, used a.o. for the stabilisation of foods, fats, oils, waxes, vitamins, chips, cereals, candy, chewing gum, pharmaceutical and cosmetic preparations.

### **PRODUCT SPECIFICATIONS**

PROD.N°	:	1AO.0004.E.C.
M.W.	:	212.20
M.P.	:	145-150°C
FORMULA	:	C <sub>6</sub> H <sub>2</sub> (OH) <sub>3</sub> .CO.OCC <sub>3</sub> H <sub>7</sub> PROPYL-3,4,5,-TRIHIDROXYBENZOATE

### **Typical Analysis**

Propyl gallate	:	> 99 %
Sulfated ash	:	0.1 % max
Loss on dring	:	1 % max
Coloration	:	30 hazen unit
Heavy metals	:	0.001 % max
Melting point	:	148°C

### **Physical Properties**

#### *1. Appearance*

Creamy-white crystals, contact with iron in the presence of water gives a dark colour.

#### *2. Odour*

Very slight typical odour.

#### *3. Solubility*

Slightly soluble in water, freely soluble in alcohol, ether and acetone.

#### *4. Toxicity*

LD50, orally, rats : 2.50-4.0 g/kg.

### **STORAGE**

To be kept in well closed containers, protected from light and moisture, avoiding contact with metals.

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