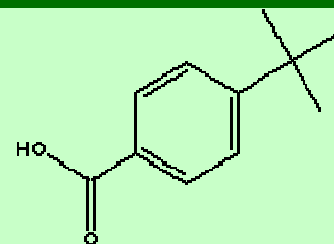


# 4-TERT-BUTYLBENZOIC ACID

## PRODUCT IDENTIFICATION

CAS NO.	98-73-7
EINECS NO.	202-696-3
FORMULA	$(\text{CH}_3)_3\text{CC}_6\text{H}_4\text{COOH}$
MOL WT.	178.23
H.S. CODE	
TOXICITY	Oral rat LD50: 473 mg/kg



SYNONYMS	PTBBA; p-Tert-butylbenzoic acid; ▪ 叔丁基苯甲酸; 4-(1,1-dimethylethyl)-Benzoic acid; Acide tert-butyl-4 benzoïque;
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## PRICE

## CLASSIFICATION

## PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	white to tan flake
MELTING POINT	165 - 167 C
BOILING POINT	
SPECIFIC GRAVITY	
SOLUBILITY IN WATER	Insoluble
pH	
VAPOR DENSITY	
AUTOIGNITION	
REFRACTIVE INDEX	
NFPA RATINGS	Health: 1; Flammability: 1; Reactivity: 0
FLASH POINT	80 C
STABILITY	Stable under ordinary conditions

## APPLICATIONS

4-Tert-butylbenzoic acid is added as a stabilizer or modifier for alkyd resin and as a corrosion inhibitor in cooling fluids. Because of the sterically hindered group, tert-butyl aromatic compounds have an antioxidizing action and also act as UV stabilizers. It is used as an intermediate of organic target substances and also used as a fixative of fragrance.

## SALES SPECIFICATION

APPEARANCE	white to tan flake
ASSAY	98.0% min
ASH	0.02% max
Fe	3 ppm max
LOSS ON DRYING	0.5% max
MELTING POINT	164 - 168 C

## TRANSPORTATION

PACKING	25kgs in bag
HAZARD CLASS	
UN NO.	

## OTHER INFORMATION

Hazard Symbols: XN, Risk Phrases: 22, Safety Phrases: 22/24/25/28A/37/45