

# JAYHAWK BTDA<sup>®</sup> Ultrapure

## ■ Synonyms

BTDA  
4,4'-Carbonylbis(phthalic anhydride)  
4,4'-Carbonyldiphthalic acid anhydride

## ■ IUPAC name

3,3',4,4'-Benzophenonetetracarboxylic dianhydride

## ■ Appearance

White, crystalline solid

## ■ Specification

BTDA: min. 99.8 %  
Tetraacid and  
monoanhydride: max. 0.2%

## ■ Applications

Co-monomer for polyimide synthesis

## ■ Other properties

Specific gravity: 1.57 at 15.6 °C  
Bulk density: 1.08 g/cm<sup>3</sup>  
Melting point: > 225 °C

## ■ Shelf-life

Retest recommended after 2 years in the original packaging, tightly sealed,  
under cool and dry conditions

## ■ Packaging

Drums: 15 kg, 100 kg net fiber with vapor barrier bag

## ■ Toxicity

LD50 (oral, rat): 12800 mg/kg (BTDA)

## ■ Safety recommendations

Avoid contact with skin and eyes. In case of contact, rinse immediately with  
plenty of water and seek medical advice. Wear suitable protective clothing.  
Gloves and eye/face protection.

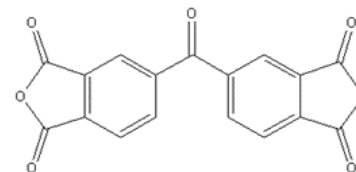
## ■ Transport classification

HTC: 2918.30.3000  
Not dangerous according to transport regulations

## ■ Inventories

Made-to-order, 90 day lead time

## Chemical structure



## Formula

C<sub>17</sub>H<sub>6</sub>O<sub>7</sub>

## CAS No.

2421-28-5

## Molecular weight

322.23 g/mol

## UN No.

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This information is based on our present state of knowledge and is intended to provide general Notes on our products and their uses. Product properties and criteria for use in catalogues, instruction leaflets, safety data sheets and other information material that we make available to the Buyer, as well as product descriptive statements are not to be understood as exclusively agreed in writing. Any existing industrial property rights must be observed. The Quality of our products is warranted under our General Conditions of Sale.

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