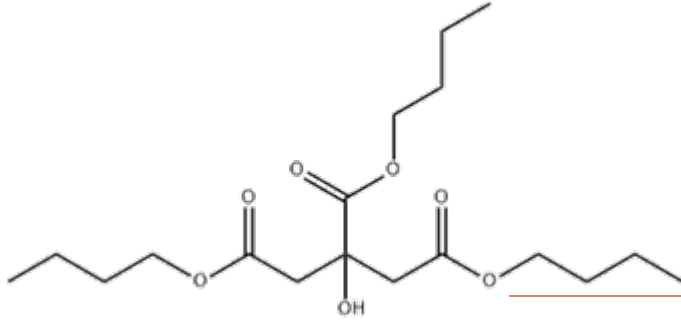


TRIBUTYL CITRATE



IUPAC NAME: tributyl 2-hydroxypropane-1,2,3-tricarboxylate

CHEMICAL FORMULA: C₁₈H₃₂O₇

CAS NO: 77-94-1

MOLECULAR WEIGHT: 360.4 g/mol

PACKING:

PRODUCT DESCRIPTION:

Tributyl citrate has high efficiency in plasticization. It is approved for use in food packaging, medical products, children's toys, pharmaceuticals, flavours and fragrances, cosmetics production, and other industries in Europe and other countries. It provides good cold resistance, water resistance, and mold resistance to the products. The resin-plasticized products exhibit excellent transparency and flexibility at low temperatures, and they have low volatility and low solubility in different environments. Additionally, they demonstrate thermal stability and do not change colour when heated.

IT IS APPLIED IN THE PRODUCTION OF:

- Packaging in the food industry
- Children's toys
- Food and Beverage Industry
- Pharmaceuticals
- Cosmetics and Personal Care Products
- Plastic and Polymer Industry
- Adhesives and Sealants
- Perfume and Fragrance Industry
- Medical and Laboratory Applications
- Biodegradable Plastics
- Detergents and Cleaning Products

CHEMICAL PROPERTIES

PURITY	≥ 97.0
ACID CONTENT	
MOISTURE AMOUNT	
COLOUR (APHA)	
INHIBITOR	

PHYSICAL PROPERTIES

APPEARANCE	Yellowish, transparent, and oily liquid.
PHYSICAL STATE	Liquid
ODOR	Fruity
DENSITY	1.043 g/cm ³
BOILING POINT	169- 171 °C
FREEZING POINT	-20 °C
FLASH POINT	300 °C

SAFETY INFORMATION

STORAGE CLASS	Storage class (TRGS 510): 12: Non-Combustible Liquids
STORAGE CONDITIONS	Keep the container tightly closed in a dry and well-ventilated place. Store in a cool place.
TRANSPORT INFORMATION	<p>UN number</p> <ul style="list-style-type: none">• ADR/RID: -• IMDG: -• IATA: - <p>UN proper shipping name</p> <ul style="list-style-type: none">• ADR/RID: Not dangerous goods• IMDG: Not dangerous goods• IATA: Not dangerous goods <p>Transport hazard class(es)</p> <ul style="list-style-type: none">• ADR/RID: -• IMDG: -• IATA: - <p>Packaging group</p> <ul style="list-style-type: none">• ADR/RID: -• IMDG: -• IATA: - <p>Environmental hazards</p> <ul style="list-style-type: none">• ADR/RID: no• IMDG Marine pollutant: no• IATA: no <p>Special precautions for user</p> <p>Further information</p> <p>Not classified as dangerous in the meaning of transport regulations.</p>
For more information, check the SAFETY DATA SHEET or get contact with us.	