

SUCROPLAST ATBC

ACETYL TRIBUTYLCITRATE

CAS – N°: 77-90-7

FORMULA: C₂₀H₃₄O₈

M. W. : 402,48

SPECIFICATION SHEET

TA-ESP-046

1. Description:

Sucroplast ATBC is produced by acetylation of Tributyl Citrate, a Citric Acid ester. This liquid is characterized by its transparency, colorless, and odorless.

2. Main Uses:

Sucroplast ATBC is used as a Phthalates free alternative plasticizer in products that have contact with food. This environmental-friendly product can easily biodegrade in polymers of polyvinyl chlorides (PVC) and cellulose derivatives. It is also used as solvent and fixative for inks in the flexographic and perfumery industries.

3. Standard Specification:

3.1 REQUIREMENTS	SPECIFICATION	UNITS
Assay	Min. 99,0	% w/w
Acidity (as Citric Acid)	Max. 0,02	% w/w
Water	Max. 0,2	% w/w
Color	Max. 30	APHA
Specific Gravity (25°C)	1,045 - 1,055	---
Refractive Index (25°C)	1,4410 - 1,4425	---
Viscosity (25°C)	32,0 -36,0	cp

4. Transport and Storage Conditions:

Sucroplast ATBC should be stored at room temperature and kept in a cool, dry place inside a tightly closed container. The product must be stored indoors in ventilated places following the Good Storage Practices.

Estimated shelf life is 3 years when stored in original packaging.

5. Safety Data:

Sucroplast ATBC is a combustible product. There is no immediate concern for personal safety. It will burn only at high temperatures. Please refer to MSDS Sucroal SS-HOJ-031. Label according to the Global Harmonized System GHS.

6. Regulatory Issues:

Sucroplast ATBC is certified by FDA regulation Title 21 CFR 181.27; EINECS - No 201-067-0; registered under CAS No. 77-90-7. Meets the standards described in The United States Pharmacopeia USP.

Sucroplast ATBC is certified as a non-toxic substance by the EC Food Additive included in the European Union list of flavorings and source materials set out in the Commission Implementing Regulation (EU) No 793/2012 and are listed in the ingredients used in cosmetics 2006-257 -EC.

Sucroplast ATBC produced at Sucroal has the following certifications: ISO 9001: 2008, Kosher, Halal and is a Non-GMO product and a Phthalates free alternative.

7. Availability and Technical Assistance:

Sucroplast ATBC is available in metallic drums, plastic containers and bulk. For further information on packaging, samples or technical assistance, please contact our marketing and sales assistant: Colombia +57 (2) 431-0650, in North America + 1(630) 200-1326, in Brazil + 55 (11) 965-77-0101.