

Technical data sheet

Butyl glycol acetate (BGA)

Version: February 2009

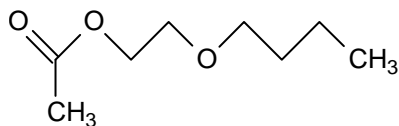
Synonyms

Butyl glycol acetate

Formula

$C_8H_{16}O_3$

Structural formula



Molecular weight: 160.21

CAS number

112-07-2

EINECS number

203-933-3

Product specification

Characteristics	Unit	Value	Method*
Appearance		Clear Liquid, free from suspended matter	Visual
Colour	APHA/Hazen	≤ 10	AM 018
Odour		Characteristic	AM 074
Acidity as acetic acid	%	≤ 0.01	AM 006
Water content	%	≤ 0.2	AM 023
Ester content	%	≥ 99.0	AM 999

* Internal methods available upon request.

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Typical properties

Characteristics	Unit	Value
Boiling point @ 760 mmHg	°C	192
Density @ 20 °C	g/ml	0.94
Melting Point	°C	-64
Flash point (closed cup)	°C	76

Main applications

Main applications for BGA are:

- BGA is a good solvent for many natural and synthetic resins;
- BGA is a widely used in printing inks, paint formulations;
- BGA is used n a variety of surface coating formulations where limited water miscibility and low volatility are required.

Handling

Packaging: Steel drums 195 kg net.
IBC 950 kg net
Bulk

Storage: The packaged material shall be kept into its original packaging, in cool and well ventilated place, neither under rain nor in wet places, away from flames and heating sources. The bulk material shall be stored in stainless steel tanks, under nitrogen blanketing; for a long lasting quality the material shall be kept at ambient temperature (ideally not above 30°C) and away from any flame or concentrated heat source

Shelf life: 5 years from production date.

Certifications: Kosher: UK
Halal: UK

The information contained in this sheet is correct and accurate and is based on our technical and scientific knowledge and on literature at the date of going to press. Such information relates only to use of the products in the pure state and for the purposes stated herein. Nothing stated here may be taken or construed as implying of any existing patents. Nor is any warranty, whether explicit or implicit, given with regard to results to be obtained through the use of the aforesaid information.

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Pag. 2 of 2