CG 530 Technical Date Sheet

1. Chemical Composition

Chemical Name: Tributyl phosphate

CAS #: 126-73-8

2. Product Description

CG 530, Tributyl phosphate, also known as TBP, is a colorless and odorless transparent liquid at ambient. It is slightly soluble in water, but is miscible with most organic solvents, such as toluene. It is used as an extracting agent for rare earth metals. In some cases, TBP is used as a plasticizer. It is also used as a defoaming agent in dyes, coatings, petroleum drilling and paper industries.

3. Applications

CG 530, Tributyl phosphate, is useful for a variety of applications, which include, but are not limited to,

- Defoaming agent
- Plasticizer
- Extracting agent
- Lab uses

CG 530, Triphenyl phosphite, is widely used in many industries, which include, but are not limited to,

Plastic and rubbers, rare-earth metals, lubricants, coatings, and dyes, paints, and adhesives, etc.

4. Typical Chemical and Physical Properties

Property	Results
Appearance, 25 °C	Colorless, clear liquid
Density, g / mL, 20 °C	0.975
Butanol, % wt	< 0.1
Water, % wt	0.05
Purity, %	99.3

5. Packaging

200 kg / drum or 441 lbs / drum

1,000 kg / Tote, 2,204 lbs / Tote

6. Handling and Storage

Recommended handling temperature: Ambient temperature preferred, 60 °C Max.

Storage: the product is recommended to be stored in cool and dry areas. Direct sunlight should be avoided. Ambient temperature is highly recommended for long-term storage.

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