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文件夹命名方式： 日期+姓名 例如 10.12+john,

产品文件命名的方式： 中文名称+cas +是否 ad 例如 聚己内酯-cas 24980-41-4+AD / 聚己内酯-cas 24980-41-4)

需要整理的信息如下:

名称: Propyl acetate

标题: Propyl acetate CAS109-60-4

关键词: Propyl acetate, CAS109-60-4,

短描述:

CAS: 109-60-4

Purity: $\geq 99.7\%$

Molecular Formula: C₅H₁₀O₂

Molecular Weight: 102.13

EINECS: 203-686-1

Storage Period: 2 years

Synonyms : PROPYL ACETATE; PROPYL ETHANOATE; N-PROPYL ACETATE; 1-Acetoxypropane; 1-Propyl acetate; 1-propylacetate; octanpropylu; octanpropylu(polish)

详情页面内容:

是什么: (**What is XXXX ?**)

Propyl acetate is also called propyl acetate, n-propyl acetate, and n-propyl acetate. It is a colorless, clear liquid with a soft fruity aroma. It exists naturally in strawberries, bananas, and tomatoes. It is soluble in most organic solvents such as alcohols, ketones, esters, and oils, and is slightly soluble in water. Propyl acetate has two isomers, namely n-propyl acetate and isopropyl acetate. Both are colorless, easy-flowing, transparent liquids. Both have a fruity aroma. Both exist in nature.

规格信息表: (**Specification**)

Item	Standard
Purity	$\geq 99.7\%$
Colour	≤ 10
Acidity	$\leq 0.004\%$
Wate	$\leq 0.05\%$

应用: (Application)

1. Solvent Application: Propyl acetate is a high-quality solvent, mainly used in the preparation of coatings, inks, nitro paints, varnishes and various resins, because it can effectively dissolve these materials and provide good coating properties. In addition, it is also used in many fields such as electronic component manufacturing, semiconductor processes, and assembly and packaging of electronic products.

2. Flavors and Fragrances: In the flavor and fragrance industry, Propyl acetate is used as a solvent for flavoring agents and fragrances to increase the aroma of food and personal care products. It is also an important ingredient in many perfumes, flavors and fragrances, bringing people a pleasant aroma experience.

3. Pharmaceutical Field: Propyl acetate is used as a solvent and diluent in the pharmaceutical field for the extraction, separation and preparation of drugs. It has good permeability and can be used as a drug penetration enhancer to improve the absorption efficiency of drugs. In addition, it is also used to synthesize new drugs, providing broad space and possibilities for pharmaceutical research and development.

4. Agricultural Application: Propyl acetate and its similar compounds have bactericidal, insecticidal and herbicidal effects, so they are widely used in agricultural production and horticultural management.

5. Other applications: Propyl acetate is also used as a solvent and diluent for food additives to help improve the taste and texture of food. In addition, it also plays an important role in coatings, plastics, textiles, cosmetics and other fields, demonstrating its versatility and plasticity.

特点和优点: (Features)

The main advantages of propyl acetate include its excellent solubility, volatility, chemical stability and wide application fields.

1. As a high-quality solvent, propyl acetate has excellent solubility and volatility. This makes it perform well in the preparation and dilution of paints, coatings, glues, etc., enabling the coatings to dry quickly and form a smooth surface¹². In addition, it is miscible with many organic solvents such as alcohols, ethers and aromatic hydrocarbons at room temperature, and can react with water to produce acetic acid and n-propanol. These characteristics make propyl acetate widely used in organic synthesis³.

2. Propyl acetate has good chemical stability. It is not easy to decompose or polymerize at room temperature and pressure. As an ester compound, it can undergo hydrolysis under

the catalysis of acid or base to produce acetic acid and n-propanol. In the presence of strong oxidants, it may undergo oxidation reactions to produce carbon dioxide and water. These chemical properties make propyl acetate usually used as a solvent or intermediate in chemical reactions, and less involved in the reaction itself

3. The application field of propyl acetate is very wide. It is not only used as a solvent for nitrocellulose, chlorinated rubber and heat-reactive phenolic plastics, but also as a solvent, carrier or stabilizer for drugs in the pharmaceutical field to help drugs be better absorbed and released. In addition, n-propyl acetate is also widely used in the food and spice industries as a solvent and diluent for food additives to help improve the taste and texture of food. It is also an important component of many perfumes, flavors and spices.

包装: **(Packaging)**

200kg/drum or 1000kg/drum

买点 (至少四条, 针对产品买点 3 条, 通用信息为一条例如: 有库存、有现货、支持样品、发货快等)

1. In the ink and printing and packaging industry, it is used as a green and environmentally friendly solvent to replace benzene and ketones, which is more environmentally friendly

2. Using the most advanced technology, the product has better stability

3. Strictly control the raw materials and production, the product has better solubility and volatility

推广市场/不推市场 (需要 AD 填写)

说明:

1. 所有涉及到 CAS 的位置请提供时全部大写 Cas- -cas- CAS

2. 只有推广市场这项是做 AD 的时候才填写, 不做 AD 不写; 其他项必须都填写 (EINECS 没有可以不写)