

N-PROPANOL



CAS Number: 71-23-8

Other Names: Propan-1-ol; n-Propyl alcohol; n-Propanol; n-PrOH;
Ethylcarbinol; 1-Hydroxypropane; Propionic alcohol; Propionyl alcohol

Formula: C₃H₈O

PRODUCT INTRODUCTION

Normal propanol is a primary alcohol with a molecular formula of C₃H₈O. It is a colorless, transparent liquid that has a typical sharp musty odor that is comparable with the smell of rubbing alcohol. The product is fully miscible in water and freely miscible with all common solvents such as glycols, ketones, alcohols, aldehydes, ethers and aliphatic hydrocarbons.

PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-------------------------------|-------------------------------|
| Purity | 99.89 wt% |
| Water Content | 0.02 wt% |
| Color | 5 APHA |
| Specific gravity (20/20°C) | 0.8050 |
| Acidity as Acetic Acid | 0.0010 |
| Distillation range at 760mmHg | 96.8-97.1 |
| Non-Volatile Matter (g/100mL) | 0.001 |
| Appearance | Free from insoluble and haze. |

APPLICATIONS

- Normal propanol is used to manufacture other solvents such as cosmetics, skin/hair preparations, perfumes, pharmaceuticals, lacquer formulations, dye solutions, antifreezes, soaps and window cleaner.
- It can also be used to create printing inks, coatings, de-greasing fluids, adhesives, insecticides and herbicides.
- Normal propanol is also used as a chemical intermediate to create esters, halides, propyl amines and propyl acetate.
- The end user markets of this product are the cosmetics, cleaning, motor, printing, coatings and chemical industries.

PACKING OPTIONS

Drums

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