



Ethyl alcohol 75% Disinfectant / Hand Sanitizer

Product Description

Ethanol, also known as pure grain alcohol, ethyl alcohol or drinking alcohol, is one of the most widely used recreational substances. It is present in alcoholic beverages and has been consumed since ancient times. As a disinfectant, it works by denaturing proteins and dissolving lipids, effectively destroying many types of bacterial and viral cells. It is ineffective against spores. Ethanol is typically used in concentrations of 75 percent, because higher concentrations evaporate too quickly and lower concentrations aren't as effective. It is present in some soaps and hand wipes, but it is capable of drying out skin and so should not be used directly without additional agents.

Features / Benefits

75% Ethanol & 25% DI water
Does not contain denaturant (bitterant)
Plastic-safe
Non-ozone depleting
Ideal for disinfectant

Packaging and Availability

500 mls
5 lts
10 lts



Typical Product Data and Physical Properties

Boiling Point:	173°F
Melting Point:	No data
Vapor Density (air=11):	>1 @ 100°F
Solubility in water:	100%
Specific Gravity (water=1):	.079
Evaporation rate (ether=1):	<1
Appearance:	Clear, colorless
liquid Surface Tension (dynes/cm@25°C):	22
Flash point (TCC):	53°F
Non-volatile residue:	<100
ppm VOC Content:	
SCAQMD	553 g/L
Federal	70%
RoHS Compliant	
Shelf life:	2 years after opening