

DENATURED ALCOHOL

TECHNICAL DATA SHEET

834



# SUNNYSIDE DENATURED ALCOHOL

## DESCRIPTION

Sunnyside Denatured Alcohol is ethyl alcohol to which denaturants have been added to make the product unfit for human consumption ( for taxation purposes).

## ITEM NUMERS & SIZES

Pint	Quart	1-Gallon	2.5-Gal.	5-Gal.	55-Gal.
83416	83432	834G1		834G5	83455

## HAZARDOUS INGREDIENTS

Ingredient	CAS#	Percent
Ethyl Alcohol	64-17-5	49.13%
Methyl Alcohol	67-56-1	50.00%
Methyl Isobutyl Ketone	67-56-1	0.87%

## PHYSICAL PROPERTIES

Typical Properties	Results
GRAVITY, (60 °F)	
API	
SPECIFIC	0.789
DENSITY (Lb./GAL)	6.57
DISTILLATION RANGE, ° C.	74-80
FREEZING POINT, ° F (° C)	-173
KAURI BUTANOL (Kb) VALUE	
ANILINE POINT, °F	
FLASH POINT, T.C.C. °F	50
FLAMMABLE LIMITS IN AIR, % BY VOLUME	
LOWER, AT 100°F (38°C)	4.1
UPPER, AT 200°F (93°C)	21.1
AUTOIGNITION TEMPERATURE, °F (°C)	685
COLOR, Pt-Co Scale, Max.	20
DOCTOR TEST	
CORROSION, 3 HRS. @ 212 °F	
NON-VOLATILES, g/100ml	
ACIDITY	
ALKALINITY (AS NH3, WT%)	
EVAPORATION RATE	Slower than ether
APPEARANCE	Clear, water-white
ODOR	Alcohol Odor
VAPOR PRESSURE, mm Hg @ 20 °C	
REFRACTIVE INDEX, @ 20 °C	1.3628
SULFUR CONTENT, PPM	
PURITY, by G.C., Wt%	
WATER CONTENT, Wt%	
WATER MISCIBILITY	Complete
DOT SHIPPING NAME	Alcohols,NOS
DOT CLASSIFICATION	Hazard Class 3
SHIPPING <a href="#">Wt./GAL.@20° C.</a>	6.57

These properties are representative of typical inspections. They do not constitute product specifications. Consult MSDS sheet for additional information.

## SAFETY INFORMATION

HEALTH:	2
FIRE:	3
REACTIVITY:	0

## PRODUCT APPLICATION

Denatured Alcohol is used as a marine stove fuel. Always follow manufacturer's directions.

## TEST METHOD

ASTM	Applied
D-278	
D-1298	■
D-86	
D-1133	
D-611	
D-56	■
D-1255	■
D-156	■
D-484	
D-130	
D-1353	
D-847	
D-1614	
D-1296	■
D-1218	■
D-1266	
D-1364	
D-1722	

See MSDS sheet for additional Health, Safety, Handling and Regulatory Information available on our website at [www.sunnysidecorp.com/msds.html](http://www.sunnysidecorp.com/msds.html)