

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 NUMBERS & 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 DENSITY (Lb./GAL)	0.789
DISTILLATION RANGE, ° C.	6.57
FREEZING POINT, ° F (° C)	74-80
KAURI BUTANOL (Kb) VALUE	-173
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 NH ₃ , 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 Wt./GAL. @ 20° C.	6.57

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

PRODUCT IMAGE



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