

KEROSENE

TECHNICAL DATA SHEET

801



SUNNYSIDE KEROSENE

DESCRIPTION

Sunnyside Kerosene is a highly refined premium kerosene which meets ASTM 1-K grade kerosene specifications. It is water white and low in sulfur. It burns smoke and odor free and prolongs wick life in kerosene burners or lamps.

ITEM NUMBERS & SIZES

Pint	Quart	1-Gallon	2.5-Gal.	5-Gal.	55-Gal.
N/A	80132	801G1	801G3	801G5	80155

HAZARDOUS INGREDIENTS

Ingredient	CAS#	Percent
PETROLEUM DISTILLATE	8008-20-6	>99%
NAPHTHALENE	91-20-3	<1%

PHYSICAL PROPERTIES

Typical Properties	Results
GRAVITY, (60 °F)	
API	41.4
SPECIFIC	0.818
DENSITY (Lb./GAL)	6.81
DISTILLATION RANGE, ° F.	350-515
FREEZING POINT, ° F (° C)	
KAURI BUTANOL (Kb) VALUE	34
ANILINE POINT, ° F	144
FLASH POINT, T.C.C. ° F	124
FLAMMABLE LIMITS IN AIR, % BY VOLUME	
LOWER, AT 100°F (38°C)	
UPPER, AT 200°F (93°C)	
AUTOIGNITION TEMPERATURE, ° F (° C)	450
COLOR, SAYBOLT	+30
DOCTOR TEST	NEGATIVE
CORROSION, 3 HRS. @ 212 °F	1A
NON-VOLATILES, g/100ml	
ACIDITY	NEUTRAL
ALKALINITY (AS NH3, WT%)	
EVAPORATION RATE	Slower than ether
APPEARANCE	Clear, water-white
ODOR	Petroleum Odor
VAPOR PRESSURE, mm Hg @ 20 °C	0.5
REFRACTIVE INDEX, @ 20 °C	
SULFUR CONTENT, 1Wt. %	0.01
PURITY, by G.C., Wt%	
WATER CONTENT, Wt%	
WATER MISCIBILITY	Negligible
DOT SHIPPING NAME	Petroleum Distillates, NOS
DOT CLASSIFICATION	Combustible Liquid - Class II.
SHIPPING Wt. at 20 °C	6.81
V.O.C. (g/L)	N.A.-Fuel

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

PRODUCT IMAGE



SAFETY INFORMATION

HEALTH:	1
FIRE:	2
REACTIVITY:	0

PRODUCT APPLICATION

Kerosene is a clean burning fuel used in kerosene heaters, stoves, wick-type lamps and similar oil-burning appliances. Kerosene is also an excellent slow drying solvent having lubrication and rust preventive qualities. It is useful for dissolving grease, oil and tar. It can be used on cars, boats, concrete driveways and other oily surfaces. Kerosene can also be used as a protective coating for steel tools prior to storage.

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