

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 &amp; 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 NH <sub>3</sub> , 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, P Wt. %	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.

## 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.

## 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)