

TOLUOL (TOLUENE)

TECHNICAL DATA SHEET

821



SUNNYSIDE TOLUOL (TOLUENE)

DESCRIPTION

Sunnyside Toluene is a low initial boiling point aromatic solvent. Toluene is a clear, colorless, flammable liquid that is miscible with most common organic solvents. Toluene meets the requirements of ASTM D843.

ITEM NUMERS & SIZES

Pint	Quart	1-Gallon	2.5-Gal.	5-Gal.	55-Gal.
		821G1		821G5	82155

HAZARDOUS INGREDIENTS

Ingredient	CAS#	Percent
Toluene	108-88-3	100%

PHYSICAL PROPERTIES

Typical Properties	Results
GRAVITY, (60 °F)	
API	31
SPECIFIC	0.871
DENSITY (Lb./GAL)	7.25
DISTILLATION RANGE	228-231
FREEZING POINT, °F (°C)	-139
KAURI BUTANOL (Kb) VALUE	105
ANILINE POINT, °F	51
FLASH POINT, T.C.C. °F	40
FLAMMABLE LIMITS IN AIR, % BY VOLUME	
LOWER, AT 100°F (38°C)	1.2
UPPER, AT 200°F (93°C)	7
AUTOIGNITION TEMPERATURE, °F (°C)	997 F
COLOR, SAYBOLT	+30
DOCTOR TEST	
CORROSION, 3 HRS. @ 212 °F	1A
NON-VOLATILES, g/100ml	<0.0010
ACIDITY	NEUTRAL
ALKALINITY (AS NH ₃ , WT%)	
EVAPORATION RATE	Slower than ether
APPEARANCE	Clear, water-white
ODOR	Pungent, Aromatic Odor
VAPOR PRESSURE, mm Hg @ 20 °C	24
REFRACTIVE INDEX, @ 20 °C	
SULFUR CONTENT, PPM	<2
PURITY, by G.C., Wt%	
WATER CONTENT, Wt%	
WATER MISCIBILITY	Negligible
DOT SHIPPING NAME	Toluene
DOT CLASSIFICATION	Hazard Class 3
SHIPPING Wt. at 20 °C	7.25
V.O.C. (g/L)	871

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

Sunnyside Toluol (Toluene) is a specialty solvent used for thinning oil based paints where specified. Do not overthin coatings. Overthinning will cause paints to become brittle and appear flat.

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