

WHITE SPIRIT

Description

White Spirit is a clear colorless solvent with very low water solubility and a characteristics odour (Odour threshold: 0.5 – 5 mq/m³). The most common variety of white spirit is a mixture of saturated aliphatic and alicyclic C7: C12 hydrocarbons with a content of 15 – 20%. (by weight) of aromatic C7: C12 hydrocarbons and a boiling range of approximately 140 – 230 °C. The C9 – C11 hydrocarbon (aliphatics, alicyclics and aromatics) are the most abundant, consisting ≥ 80% (by weight) of the total.

Applications

Thinners for Paints, Driers, Alkyd Resins, Dry cleaning, Shoe and Floor Polishers and Ink Solvents.

Sr.No	Physical Properties	ASTM METHOD	SPECIFICATION		UNITS	RESULTS
			Min	Max		
1	Appearance	_____	_____	_____	_____	Clear Liquid
2	Flash Point(Tag Open Cup)°C	ASTM D 56	36	- 40	°C	39
3	Distillation(IBP)Volume % of Total Distillate 200°C	ASTM D 86	149	- 196	°C	IBP 149 FBP 195
4	Aniline Point	ASTM D 611	50	- 56	°C	53
5	Aniline Point Fraction	ASTM D 611	85	- 95	%V	88
6	Density at 25 °C	ASTM D 4052	0.770-0.780		Kg/L	0.778
7	Kinematic Viscosity at 20 °C mm ² /S	ASTM D 445	1	- 1.9	MM ² /S	1.1
8	Vapor Pressure(Kpa 20)		1			0.6
9	Solubility(%in water)	ASTM D 2042				Nil (NotSoluble)
10	Aromatic Content	ASTM D 1319	19		Vol%	17
11	Colour(Say Bolt)	ASTM D 156	30		Clear	30
12	Sulpher Content	ASTM D 3120	1	5	ppm	3
13	Odor / Taste					characteristic
14	Doctor Test	ASDM D 4952				Negative
15	Copper Corrosion	ASDM 130				1a (negative)
16	Residue					Nil

Uses: Solvent for Inks, paint,Lacquers,and other Industrial and Laboratory Products

Packing: Bulk / Drums

Storage: Keep away from heat, Spark and Flame

- 1- Avoid Inhalin It
- 2- Avoid Skin Contact
- 3- Protect from sunlight
- 4- keep container closed when not in used

DISCLAIMER

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