



# ATTOCK REFINERY LTD

## TECHNICAL DATA SHEET

### KEROSENE

#### Product Description:

Kerosene is one of the major petroleum products produced from processing crude oil in a petroleum refinery. Kerosene is one of the higher-valued light products (along with gasoline and diesel). Kerosene is a very effective lighting fuel and heating oil. It is the primary fuel used in jet aircraft, but it is also used in other jet turbine applications. Kerosene fuel manufactured by Attock Refinery Limited is highly refined, homogenous mixture of hydrocarbons covering boiling range from 140°C to 270 °C.

#### Application and Benefits:

Kerosene is a clean burning fuel used in heaters, stoves, wick-type lamps and similar oil burning appliance. Kerosene is an excellent slow drying solvent having lubrication and rust preventive qualities. Kerosene is widely used as solvent for cutback bitumen, used for the construction of roads.

#### Health, Safety and Environment:

Health, safety and environmental information are provided for this product in the Safety Data Sheet. This gives details of the potential hazards, precautions and First Aid measures. Attock Refinery Ltd will not accept liability if the product is used other than in the manner or with the precautions or for the purposes specified

- **Typical information from MSDS**

Do not ingest. Never siphon by mouth. If ingested, do not induce vomiting. Avoid contact with skin and clothing. Wash thoroughly after handling. Avoid contact with eyes. Use only with adequate ventilation.

#### Storage:

All packages should be stored under covered, segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed, clearly labeled and sealed until ready for use. Avoid all possible sources of ignition (spark or flame). Store and use only in equipment/containers designed for use with this product. The storage area should comply with NFPA 30.



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#### Specifications & Typical Value:

TEST DESCRIPTION	UNIT	TEST METHOD	SPECIFICATIONS	MAX / MIN	ARL TYPICAL
Colour Saybolt (undyed)*	-	D156	+20	Min.	+22
Odour	-	-	Marketable	-	-
Specific gravity @ 60/60 °F	-	D1298	0.820	Min.	0.800
Flash point (Abel)	°C	IP170	35	Min.	37
Distillation:					
20% Vol Recovered	°C	D86	200	Max.	165
50% Vol Recovered	°C		240	Max.	180
End point	°C		300	Max.	250
Residue	vol %		2.0	Max.	1.0
Sulfur	wt %	D4294	0.2	Max.	0.015
Copper strip corrosion 3 hrs at 50°C (122°F)	-	D130	No.1	Max.	1a
Smoke point	mm	D1322	22	Min.	23
Appearance	-	-	Clear and free from suspended impurities	-	Clear and free from suspended impurities
Mercaptan sulphur	ppm	D3227	10.0	Max.	3.0
Char value	mg/kg	IP10	20	Max.	16

For more Information Please Contact **Attock Refinery Ltd.** Phone: 92-51-5487041 / Ext. 2596 / 2469