



ATTOCK REFINERY LTD

TECHNICAL DATA SHEET

EXPORT NAPHTHA

Product Description:

Attock Refinery Ltd produces Naphtha as intermediate products through fractional distillation of crude oil at various distillation units. Naphtha is volatile, flammable and has a specific gravity of about 0.70-0.75.

The full boiling range naphtha is reformed and isomerated through catalytic cracking in Reformer and Isomerization units respectively. In case of excess amount of FBRN production, the Untreated Naphtha is exported abroad.

Application and Benefits:

It is a liquid intermediate between the light gases in the crude oil and the heavier liquid kerosene. Light and Heavy naphtha are intermediate refinery products used as feedstock to platformer units for the production of high-octane motor gasoline blending components.

Health, Safety and Environment:

Health, safety and environmental information are provided for this product in the Materials Safety Data Sheet. This gives details of potential hazards, precautions and First Aid measures, together with environmental effects and disposal of used products.

ARL will not accept liability if the product is used other than in the manner, with the precautions, or for the purpose/s specified.

- **Typical information from MSDS**

Do not ingest. Never drain off 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:

Keep away from flame, sparks, excessive temperatures and open flame. Use approved vented containers. Keep containers closed and clearly labeled. This storage area should comply with NFPA 30



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Specifications & Typical Value:

| TEST DESCRIPTION | UNIT | TEST METHOD | SPECIFICATIONS | MAX / MIN | ARL TYPICAL |
|--|------|-------------|----------------|-----------|-------------|
| Specific gravity 15.6°C. 15.6°C | - | ASTM D1298 | To be reported | - | 0.750 |
| Color | - | ASTM D156 | +26 | Min | +29 |
| Copper strip corrosion at 50°C (122°F) | - | ASTM D130 | 1 | Max. | 1a |
| Mercaptan Sulfur | ppm | ASTM D3227 | 10 | Max | 3.0 |
| Sulphur | wt% | ASTM D4294 | 0.05 | Max. | <0.01 |
| Reid Vapour Pressure at (37.8°C) | psi | ASTM D323 | 12 | Max | 4.0 |
| Lead Contents | ppb | IP224 | 20 | Max. | 8.0 |
| Distillation | | | | | |
| Initial Boiling Point | °C | ASTM D86 | 25 | Min. | 98 |
| End Point | | | 180 | Max. | 165 |
| Paraffins | vol% | ASTM D1319 | 50 | Min. | 55 |
| Olefins | | | 1.0 | Max | 0.0 |

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