



## Product Specification

### PETROLEUM ETHER 60-80°C FOR HPLC & SPECTROSCOPY

|                             |           |
|-----------------------------|-----------|
| PRODUCT CODE                | 762835    |
| SYNONYMS                    | --        |
| C.I. NO.                    | --        |
| CASR NO.                    | 8032-32-4 |
| ATOMIC OR MOLECULAR FORMULA | --        |
| ATOMIC OR MOLECULAR WEIGHT  | --        |
| PROPERTIES                  | --        |

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| PARAMETER | LIMIT |
|-----------|-------|
|-----------|-------|

|                         |  |
|-------------------------|--|
| Description             | Clear & colourless liquid with characteristic odour. |
| Solubility              | Miscible with methanol, benzene & ether.             |
| Boiling range (60-80°C) | Min 95.0%  |
| Wt. per ml at 20°C      | 0.665-0.675g   |

#### MAXIMUM LIMIT OF IMPURITIES

|  |               |
|--|---------------|
| Water  | 0.015%        |
| Acidity  | 0.0005 meq/gm |
| Non-volatile matter                                      | 0.001% w/v    |
| Maxima UV absorption<br>1 cm cell vs H <sub>2</sub> O at |               |
| 200 nm   | 1.0           |
| 215 nm   | 0.3           |
| 225 nm   | 0.1           |
| 250 nm   | 0.01          |

Note(s) : Assay (if applicable) method mentioned.

#### DANGER

HAZARD STATEMENTS : May cause respiratory irritation. Highly flammable liquid and vapour. Causes eye irritation.

#### PRECAUTIONARY STATEMENTS :

**Prevention** : Use only non-sparking tools. Take precautionary measures against static discharge. Wash hands thoroughly after handling. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Keep away from heat/sparks/open flame - No smoking. Keep container tightly closed. Wear protective gloves and eye/face protection.

**Response** : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. In case of fire, use foam for extinction. If eye irritation persists, get medical advice/attention.

Disposal:-----

IMDG Code :--3.1/II  
UN No. : --1268  
IATA :--3

Hazard Pictogram(s) :-



Flammable



Skin irritation