



Product Specification

cdhfinechemical.com

TOLUENE SCINTILLATION GRADE

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|------------------------------------|---|
| PRODUCT CODE | 014627 |
| SYNONYMS | -- |
| C.I. NO. | -- |
| CASR NO. | (108-88-3) |
| ATOMIC OR MOLECULAR FORMULA | C₆H₅CH₃ |
| ATOMIC OR MOLECULAR WEIGHT | 92.14 |
| PROPERTIES | -- |



| PARAMETER | LIMIT |
|---|--|
| Description | A clear colour not more than 10 Hazen Units. |
| Solubility | Miscible with Ethyl Alcohol forming a clear and colourless Solution. |
| Minimum assay(GC) | 99.5% |
| Wt. per ml at 20°C | 0.866-0.867 g |
| Boiling Range (110-111°C) | 95.0% |
| Refractive index n _D ²⁰ | 1.496-1.497 |

| MAXIMUM LIMIT OF IMPURITIES | |
|--|-------------|
| Water (KF) | 0.03% |
| Acidity (HCl) | 0.001% |
| Non-volatile matter | 0.0004% |
| Sulphur compounds (CS ₂) | 0.003% |
| Substances insoluble in NaOH solution (1%) | Passes test |

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

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| <p>DANGER</p> <p>Hazard statements: May cause respiratory irritation. Highly flammable liquid and vapour. Toxic if inhaled. Causes skin irritation. Causes serious eye irritation</p> <p>PRECAUTIONARY STATEMENTS</p> <p>Prevention: Use only outdoors or in a well ventilated area. Do not breathe dust/fume/gas/mist/vapours/spray. Use only non-sparking tools. Wash thoroughly after handling. Wash hands thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapours/spray. Ground/bond container and receiving equipment. Keep container tightly closed. Keep away from heat/sparks/open flame. No smoking. Wear protective gloves and eye/face protection. Take precautionary measures against static discharge. Use explosion-proof electrical/ventilating/lighting /equipment</p> <p>Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician. IF ON SKIN: Gently wash with plenty of soap and water. Wear eye/face protection. If eye irritation persists, get medical advice/attention. If skin irritation occurs, seek medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes if present and easy to do. Continue rinsing. Wash/Decontaminate removed clothing before reuse. In case of fire, use foam for extinction. Specific treatment: refer to Label or MSDS. In case of fire, use dry agent for extinction. Absorb spillage to prevent material damage. Call a POISON CENTER or doctor/physician if you feel unwell. Remove/ Take off immediately all contaminated clothing. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower.</p> <p>Disposal: Dispose of contents and container in accordance with relevant legislation.</p> | <p>IMDG Code :--</p> <p>UN No. :--</p> <p>IATA :--</p> |
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Hazard Pictogram(s) :



Flammable

Corrosive to metals