

## TOLUENE SCINTILLATION GRADE

**PRODUCT CODE** 014627

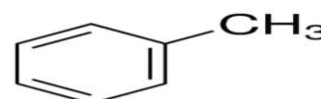
**SYNONYMS** --

**C.I. NO.** --

**CASR NO.** (108-88-3)

**ATOMIC OR MOLECULAR FORMULA** C<sub>6</sub>H<sub>5</sub>CH<sub>3</sub>

**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<sub>2</sub>) 0.003%

Substances insoluble in NaOH solution (1%) Passes test

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

### DANGER

**Hazard statements:** May cause respiratory irritation. Highly flammable liquid and vapour. Toxic if inhaled. Causes skin irritation. Causes serious eye irritation

### PRECAUTIONARY STATEMENTS

**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

**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.

**Disposal:** Dispose of contents and container in accordance with relevant legislation.

IMDG Code :--

UN No. :--

IATA :--

**Hazard Pictogram(s) :**



GHS02

GHS05

Replace Date 17.09.2022