

TOLUENE SCINTILLATION GRADE

PRODUCT CODE 775785

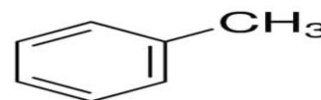
SYNONYMS --

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 (CS₂) 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 26-May-2023