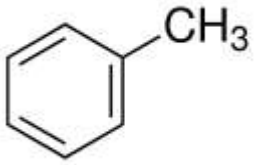


Product Specification

cdhfinechemical.com

TOLUENE GC

PRODUCT CODE	**775780**
SYNONYMS	**Methyl benzene**
C.I. NO.	**N/A**
CASR NO.	**108-88-3**
ATOMIC OR MOLECULAR FORMULA	**C_7H_8**
ATOMIC OR MOLECULAR WEIGHT	**92.14**
PROPERTIES	**--**



PARAMETER	**LIMIT**
Description	A clear liquid, not more than 10 Hazen units in colour witha characteristic odour.
Solubility	Miscible with absolute industrial methylated spirit forming a clear &colourless solution.
Minimum assay (By GC)	99.9%
Wt. per ml at 20°C	0.865 - 0.867 g
Refractive index(n)$\frac{20}{D}$	1.495 - 1.497
Boiling Range (within 0.4 in the range)	110 - 111°C
MAXIMUM LIMIT OF IMPURITY	
Water	0.03%

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

DANGER

HAZARD STATEMENTS : May be fatal if swallowed and enters airways. Maycause respiratory irritation. May cause drowsiness and dizziness. Highlyflammable liquid and vapour. Toxic if inhaled. Harmful if swallowed. Causes skinirritation. Causes serious eye irritation. Suspected of damaging the unborn child.May cause damage to organs through prolonged or repeated exposure byinhalation.

PRECAUTIONARY STATEMENTS

Prevention: Wash hands thoroughly after handling. Ground/bond container andreceiving equipment. Do not eat, drink or smoke when using this product. Washthoroughly after handling. Do not breathe dust/fume/gas/mist/vapours/spray.Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in awell ventilated area. Use only non-sparking tools. Use personal protectiveequipment as required. Keep container tightly closed. Do not handle until allsafety precautions have been read and understood. Obtain special instructionsbefore use. Wear protective gloves and eye/face protection. Keep away fromheat/sparks/open flame - No smoking. Take precautionary measures againststatic discharge. Use explosion-proof electrical/ventilating/lighting/equipment

Response : If exposed or concerned: Get medical attention advice. IFINHALED: Remove to fresh air and keep at rest in a position comfortable forbreathing. Wear eye/face protection. If eye irritation persists, get medical advice/attention. If skin irritation occurs, seek medical advice/attention. IF INEYES: Rinse cautiously with water for several minutes. Remove contact lenses, ifpresent and easy to do. Continue rinsing. IF SWALLOWED: Rinse mouth. DoNOT induce vomiting. If on skin or hair: remove/take off immediately allcontaminated clothing. Rinse with water/shower. Get medical advice/attention ifyou feel unwell. In case of fire, use foam for extinction. Specific treatment: refer toLabel or MSDS. Call a POISON CENTER or doctor/physician if you feel unwell. IFON SKIN: Gently wash with plenty of soap and water. Immediately call a POISONCENTER or doctor/physician. Remove/Take off immediately all contaminatedclothing. Wash/Decontaminate removed clothing before reuse.

IMDG Code : 3/II

UN No. : 1294

IATA : 3

Disposal: Allow to evaporate in safe open area (applicable for small quantities).The chemical should be burnt in a chemical incinerator equipped with burner andscrubber. If the volumes are larger than 500ml and no incinerator and site ofevaporation is not available then transfer the waste chemical to waste solventdrum for collection by specialist disposal company.

Hazard Pictogram(s) :-



GHS02 GHS06 GHS08