

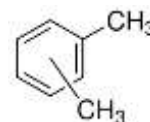


Product Specification

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XYLENE SCINTILLATION GRADE

PRODUCT CODE	780300
SYNONYMS	--
C.I. NO.	--
CASR NO.	(1330-20-7)
ATOMIC OR MOLECULAR FORMULA	C ₆ H ₄ (CH ₃) ₂
ATOMIC OR MOLECULAR WEIGHT	106.17
PROPERTIES	--



PARAMETER	LIMIT
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Description	A clear liquid not more than 10 Hazen units in colour.
Minimum assay (GC) (Xylene isomers plus ethyl benzene)	99.5%
Wt. per ml at 20°C	0.860-0.865 g
Refractive index n_D^{20}	1.497-1.499
Boiling range	136-140°C

MAXIMUM LIMIT OF IMPURITIES

Toluene (GC)	0.1%
Substances discolored by H ₂ SO ₄	Passes test
Water (KF)	0.1%

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

DANGER

HAZARD STATEMENTS : May be fatal if swallowed and enters airways. May cause respiratory irritation. May cause drowsiness and dizziness. Flammable liquid and vapour. Harmful in contact with skin. Harmful if inhaled. May be harmful if swallowed. Causes skin irritation. Causes serious eye irritation. Suspected of causing cancer. May damage the unborn child. Harmful to aquatic life.

PRECAUTIONARY STATEMENTS :

Prevention : Wear protective gloves/clothing. Use only outdoors or in a well ventilated area. Ground/bond container and receiving equipment. Wash hands thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wash thoroughly after handling. Obtain special instructions before use. Take precautionary measures against static discharge. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting/equipment. Keep away from heat/sparks/open flame - No smoking. Wear protective gloves and eye/face protection. Use only non-sparking tools

Response : Wash contaminated clothing before reuse. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention. If exposed or concerned: Get medical attention advice. Wear eye/face protection. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. If skin irritation occurs, seek medical advice/attention. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Call a POISON CENTER or doctor/physician if you feel unwell. Specific treatment: refer to Label or MSDS. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. In case of fire, use foam for extinction. Wash/Decontaminate removed clothing before reuse. IF ON SKIN: Gently wash with plenty of soap and water. Remove/Take off immediately all contaminated clothing.

Disposal : ---

Hazard Pictogram(s) :



GHS02



GHS07

IMDG Code : 3/III
UN No. : 1307
IATA : 3

Replace date 07-Nov-2023