



## Product Specification

### m-XYLENE FOR SYNTHESIS

PRODUCT CODE	030577
SYNONYMS	N/A
C.I. NO.	N/A
CASR NO.	108-38-3
ATOMIC OR MOLECULAR FORMULA	C <sub>8</sub> H <sub>10</sub>
ATOMIC OR MOLECULAR WEIGHT	106.17
PROPERTIES	---



PARAMETER	LIMIT
-----------	-------

Description	Clear & colourless liquid.
Solubility	Miscible with alcohol, ether, chloroform.
Minimum assay (By GC)	98.0%
Wt. per ml at 20°C	About 0.864 g
Refractive Index (n) <sub>D</sub> <sup>20</sup>	About 1.497

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

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

Hazard Pictogram(s) :



Aspiration hazard Skin irritation Flammable liquids