

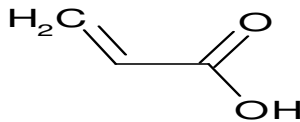


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Quality Control Dept.

Product Specification



E Control	QC2\DATAD\DA\PS\37046XPS.xls
PRODUCT CODE	37046
PRODUCT NAME	ACRYLIC ACID LR (For synthesis)
SYNONYMS	N/A
C.I. NO.	N/A
CASR NO.	79-10-7
ATOMIC OR MOLECULAR FORMULA	C ₃ H ₄ O ₂
ATOMIC OR MOLECULAR WEIGHT	72.06
PROPERTIES	M.P. : 12.1 °C, Polymerizes readily, Combustible.
	
PARAMETER	LIMIT
Description	Clear colourless liquid.
Solubility	Miscible with water.
Minimum assay (By GC)	99.0%
Wt.per ml at 20 °C	1.048 - 1.050 g
Refractive Index (n) _D ²⁰	1.421 - 1.422
MAXIMUM LIMIT OF IMPURITIES	
Water (H ₂ O)	0.2%
Dimer value	1.0%
Stabilized with 200 ppm Hydroquinone monomethyl ether (Store below 25 °C)(Store in dark.)	
Note(s) : Assay (if applicable) method mentioned.	
HAZARD STATEMENTS : Highly flammable liquid and vapour. Fatal if swallowed. Toxic in contact with skin. Toxic if inhaled. May cause allergic skin reaction. May be corrosive to metals. Causes severe skin, burns and eye damage. Causes serious eye damage. Very toxic to aquatic life. PRECAUTIONARY STATEMENTS : Prevention : Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Keep only in original container. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Response : IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN: Wash with plenty of soap and water. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. 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. Immediately call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. If skin irritation or rash occurs: Get medical advice/attention. Remove/Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage. Collect spillage. Disposal : Dissolve the chemical in dilute acid and neutralize the excess acid with sodium carbonate and run to the normal waste with large amounts of water. Any sand used to cover spillage should be thoroughly washed with water before disposal as normal waste. Alternatively the neutralized solution can be put in a container and disposed off.	
IMDG Code : --- UN No. : --- IATA : ---	
Hazard pictogram(s) :	



Flammable liquids Acute toxicity Corrosive to metalsaquatic environment



Flammable liquids Acute toxicity Corrosive to metals Hazardous to the aquatic environment

Prepared By : VINOD PATEL	Checked By: RAJU VYAS	Approved By: S.S.TOLIA	Issue Date : 01/07/2002
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