



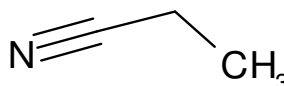
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Quality Control Dept.

Product Specification



E Control	QC2\DATAD\DA\PS\38336XPS.xls
PRODUCT CODE	38336
PRODUCT NAME	PROPIONITRILE LR (For Synthesis)
SYNONYMS	Ethyl cyanide
C.I. NO.	N/A
CASR NO.	107-12-0
ATOMIC OR MOLECULAR FORMULA	C ₃ H ₅ N
ATOMIC OR MOLECULAR WEIGHT	55.08
PROPERTIES	



PARAMETER	LIMIT
Description	Clear & colourless liquid.
Solubility	5% solution in ethanol is clear & colourless.
Identification (By IR)	Passes test.
Minimum assay (By GC)	99.0%
Wt. per ml at 20°C	About 0.781 g
Refractive index (n) _D ²⁰	About 1.366
Boiling range (96 – 98 °C)	Min.95%

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

DANGER

HAZARD STATEMENTS : Highly flammable liquid and vapour. Fatal if inhaled. Fatal if swallowed. Toxic in contact with skin. Causes mild skin irritation. Causes eye irritation. May damage the unborn child.

PRECAUTIONARY STATEMENTS :

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

Response : IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If exposed or concerned: Get medical attention advice. If skin irritation occurs, seek medical advice/attention. If eye irritation persists, get medical advice/attention. 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. 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 alcohol-type foam for extinction. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN: Gently wash with plenty of soap and water. Remove/Take off immediately all contaminated clothing. Wash/Decontaminate removed clothing before reuse.

Disposal : The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

IMDG Code : 3/II
UN No. : 2404
IATA : 3

Hazard pictogram(s) :



Flammable liquids Acute toxicity Aspiration hazard

Prepared By : DINESH	Checked By: RAJU VYAS	Approved By: S.S.TOLIA	Issue Date : 01/07/2002
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No. : 01
Sign. :	Sign. :	Sign. :	Revision dt. : 28/08/2010

Date	: 26/08/2010	Date	: 26/08/2010	Date	: 28/08/2010	AMEND NO. : P062
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