

ETHYL ACETATE FOR PESTICIDE RESIDUE TRACE ANALYSIS

PRODUCT CODE	731000
SYNOMYS	--
C.I. NO.	--
CASR NO.	(141-78-6)
ATOMIC OR MOLECULAR FORMULA	$\text{CH}_3\text{COOC}_2\text{H}_5$
ATOMIC OR MOLECULAR WEIGHT	88.11
PROPERTIES	--
PARAMETER	LIMIT
Description	A clear liquid, not more than 10 Hazen units in colour, with characteristic odour.
Solubility	Miscible with absolute industrial methylated spirit & with diethyl ether forming a clear colourless solution.
Minimum assay (GC)	99.8%
Wt. per ml (at 20°C)	0.899 - 0.901 g
Refractive index (n) ²⁰ D	1.372 - 1.373
Boiling range	76.5 - 77.5°C
MAXIMUM LIMIT OF IMPURITY	
Water	0.02%
Residue on evaporation	0.0005%
Acidity (CH ₃ COOH)	0.005%
Suitable for residue analysis	No impurities present which would show greater signals than 5 pg/ml of Lindane in the GC/ECD retention range of a-BHC to 4,4'-DDT
Note(s) : Assay (if applicable) method mentioned.	
WARNING	IMDG Code : 3/II UN No. : 1173 IATA : 3
HAZARD STATEMENTS : May cause respiratory irritation. Flammable liquid and vapour. Harmful if swallowed. Causes mild skin irritation. Causes eye irritation.	
PRECAUTIONARY STATEMENTS : Prevention : Ground/bond container and receiving equipment. Use only nonsparking tools. Take precautionary measures against static discharge. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Keep away from heat/sparks/open flame - No smoking. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting/equipment. Wear protective gloves and eye/face protection. Response : If eye irritation persists, get medical advice/attention. If skin irritation occurs, seek medical advice/attention. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. 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.	
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.	
Hazard Pictogram(s) :	
	 GHS02
	 GHS07

Replace date 10-Jan-2026