

TRIFLUORO ACETIC ACID FOR HPLC & SPECTROSCOPY

PRODUCT CODE	776140	CF₃COOH
SYNONYMS	Perfluoroacetic acid	
C.I. NO.	N/A	
CASR NO.	76-05-1	
ATOMIC OR MOLECULAR FORMULA	C ₂ F ₃ HO ₂	
ATOMIC OR MOLECULAR WEIGHT	114.02	
PROPERTIES	Nonflammable, strong non-oxidizing acid	
PARAMETER	LIMIT	
Description	Colourless fuming liquid; hygroscopic, pungent odour.	
Solubility	Miscible in water.	
Minimum assay (Acidimetric)	99.8%	
Wt. per ml at 20°C	About 1.489 g	
Boiling range	About 72.4°C	
Refractive Index (n) _D ²⁰	1.3	
MAXIMUM LIMIT OF IMPURITIES		
Water (KF)	0.1%	
Residue on evaporation	0.005%	
UV absorption at :		
λ 260 nm	0.9	
λ 270 nm	0.1	
λ 280 nm	0.05	
λ 290 nm	0.04	
λ 300 nm	0.03	
λ 320 nm	0.025	
Note(s) : Assay (if applicable) method mentioned		
DANGER : HAZARD STATEMENTS : Toxic if swallowed. Harmful if inhaled. May be corrosive to metals. Causes severe skin burns and eye damage. Harmful to aquatic life with long lasting effects. PRECAUTIONARY STATEMENTS Prevention : Do not eat, drink or smoke when using this product. Do not breathe dust or mist. Wash hands thoroughly after handling. Wash thoroughly after handling. Wear protective gloves/clothing and eye/face protection. Use only outdoors or in a well ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Response : IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. Immediately call a POISON CENTER or doctor/physician. Wash contaminated clothing before reuse. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. 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. Absorb spillage to prevent material damage. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.		IMDG Code : 8/II UN No. : 2699 IATA : 8
Disposal : Add in small quantities to large, stirred excess of water, keeping the final concentration less than 2%. Neutralize with 5% sodium hydroxide soln. and run to waste with large quantities of running water. Aqueous solutions of organic acids should be carefully neutralized with sodium bicarbonate or sodium hydroxide. Check pH, store in container and dispose off.		
Hazard Pictogram(s) :-		
 		