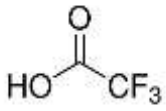
TRIFLUORO ACETIC ACID FOR SYNTHESIS

PRODUCT CODE	**030508**
SYNONYMS	**Perfluoroacetic acid**
C.I. NO.	**N/A**
CASR NO.	**76-05-1**
ATOMIC OR MOLECULAR FORMULA	**$C_2F_3HO_2$**
ATOMIC OR MOLECULAR WEIGHT	**114.02**
PROPERTIES	**Nonflammable, strong non-oxidizing acid**



PARAMETER	**LIMIT**
Description	Colourless fuming liquid; hygroscopic, pungent odour.
Solubility	Miscible with water.
Minimum assay (acidimetric)	98.0%
Wt. per ml at 20°C	Abt. 1.489 g
Refractive Index (n)$\frac{20}{D}$	Abt 1.300

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) :-


GHS05


GHS06

Replace date 24-Feb-2026