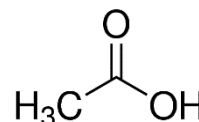


ACETIC ACID FOR MOLECULAR BIOLOGY

PRODUCT CODE	909960
SYNONYMS	Glacial acetic acid
C.I. NO.	--
CASR NO.	64-19-7
ATOMIC OR MOLECULAR FORMULA	$C_2H_4O_2$
ATOMIC OR MOLECULAR WEIGHT	60.05
PROPERTIES	Store below 30°C



PARAMETER	LIMIT
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Description	A clear colourless liquid, with a characteristic odour.
Solubility	Miscible with water.
Minimum assay (NaOH Titration)	99.70%
Wt. Per ml (at 25°C)	About 1.049 g
Refractive index (n) ²⁰ _D	About 1.371

MAXIMUM LIMIT OF IMPURITIES

Water (K.F.)	0.2%
Chloride (Cl)	0.0002%
Heavy metals (Pb)	0.0005%
DNase, RNase	None detected

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

DANGER

Hazard Statements: Flammable liquid and vapour. Harmful in contact with skin. Harmful if inhaled. May be harmful if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage. . Causes serious eye damage. Harmful 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. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

Response: 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 if you feel unwell. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage.

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.

MDG Code : 8 / II
UN No. : 2789
ATA : 8

Hazard pictogram(s) :



GHS02



GHS05