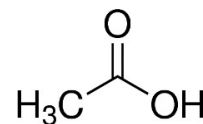




ACETIC ACID GLACIAL FOR SYNTHESIS (MEETS ANALYTICAL SPECIFICATION OF IP)

R01003

SYNONYMS	N/A
C.I. NO.	N/A
CASR NO.	64-19-7
ATOMIC ORMOLECULAR FORMULA	CH ₃ COOH
ATOMIC ORMOLECULAR WEIGHT	60.05
PROPERTIES	Combustible



PARAMETER LIMIT

Description	A clear liquid, not more than 10 Hazen units in colour.
Solubility	Miscible with water forming a clear & colourless solution.
Minimum assay (acidimetric)	99.5%
Wt. per ml at 20°C	1.048 - 1.051 g
Freezing point	Min. 15.8°C

MAXIMUM LIMIT OF IMPURITIES

Non volatile matter	0.01%
Chloride (Cl)	0.0005%
Formic acid (HCOOH)	0.1%
Sulphate (SO ₄)	0.0005%
Arsenic (As)	0.0001%
Iron (Fe)	0.0001%
Lead (Pb)	0.0001%
Reducing substances	Passess test

Filtered through 0.2 um membrane filter. Packed under inert gas.

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

DANGER

HAZARD STATEMENTS : Flammable liquid and vapour. Harmful in contact with Harmful if inhaled. May be harmful if swallowed. May be corrosive to metals. : 8 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 moking. 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.



IMDG Code : 3(8)/II
UN No. 2789
ATA : 3 (8)

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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.	
Hazard pictogram(s) :	
<div style="display: flex; justify-content: center; align-items: center; gap: 20px;"><div style="text-align: center;"> GHS02</div><div style="text-align: center;"> GHS05</div></div>	

Replace Date 1 April 2023

