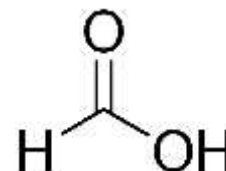


## FORMIC ACID AR

<b>PRODUCT CODE</b>	<b>531190</b>
<b>SYNONYMS</b>	<b>N/A</b>
<b>C.I. NO.</b>	<b>N/A</b>
<b>CASR NO.</b>	<b>64-18-6</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>CH<sub>2</sub>O<sub>2</sub></b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>46.03</b>
<b>PROPERTIES</b>	<b>Strong reducing agent, Combustible</b>



PARAMETER	LIMIT
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Description	A clear liquid not more than 10 Hazen units in colour, with a pungent odour.
Solubility	Miscible with water forming clear and colourless solution.
Minimum assay (By acidimetric)	98.0%
Wt.per ml at 20°C	1.21 6-1 .220 g
Freezing point	Not below 5.5°C

### MAXIMUM LIMIT OF IMPURITIES

Water insoluble matter	Passes test.
Non volatile matter	0.002%
Acetate (CH <sub>3</sub> COO)	Passes test.
Chloride (Cl)	0.0005%
Nitrogen compounds (N)	0.002%
Sulphate (SO <sub>4</sub> )	0.001%
Sulphite (SO <sub>3</sub> )	0.001%
Copper (Cu)	0.0005%
Iron (Fe)	0.0003%
Lead (Pb)	0.0005%

**Note(s) : 1] Assay (if applicable) method mentioned.**

#### DANGER

**HAZARD STATEMENTS:** Flammable liquid and vapour. Combustible Liquid. Toxic if inhaled. Harmful if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage.

#### PRECAUTIONARY STATEMENTS :

**Prevention:** Keep away from flames and hot surfaces. Do not breathe dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dust or mist. Use explosion-proof electrical/ventilating/lighting/equipment. 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:** Call a POISON CENTER or doctor/physician if you feel unwell. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Keep container tightly closed. Immediately call a POISON CENTER or doctor/physician. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. In case of fire, use alcohol-type foam for extinction. 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. In case of fire, use dry agent for extinction. Specific treatment: refer to Label or MSDS. 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.

IMDG Code : 3(8)/II  
UN No. : 1779  
IATA : 3(8)

#### Hazard Pictogram(s) :



GHS02



GHS05



GHS06