

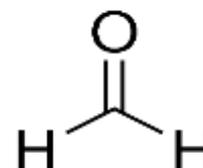


Product Specification

cdhfinechemical.com

FORMALDEHYDE SOLUTION 37-41% W/V FOR SYNTHESIS

PRODUCT CODE	028421
SYNONYMS	formalin
C.I. NO.	N/A
CASR NO.	(50-00-0)
ATOMIC OR MOLECULAR FORMULA	CH ₂ O
ATOMIC OR MOLECULAR WEIGHT	30.03
PROPERTIES	It is a powerful reducing agent especially in presence of alkali. In the air it slowly oxidizes to formic acid.



PARAMETER	LIMIT
Description	A clear and colourless solution of formaldehyde in water containing methanol as stabilizer.
Solubility	Miscible with water & with absolute industrial methylated spirit forming a clear, colourless solution.
Minimum assay (acidimetric after oxidation)	37 - 41% w/v
Wt. per ml at 20°C	1.075 - 1.095 g
Content of methanol (CH ₃ OH)	10.0 - 14.0% (w/w)

MAXIMUM LIMIT OF IMPURITIES	
Acidity	3 ml N/1%
Ash	0.02%
Chloride (Cl)	0.001%

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

<p>DANGER HAZARD STATMENTS : Combustible Liquid. Fatal if inhaled. Fatal if swallowed. Toxic in contact with skin. May cause allergic or asthmatic symptoms or breathing difficulties if inhaled. May cause allergic skin reaction. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure. May be corrosive to metals. Causes severe skin burns and eye damage. Harmful to aquatic life. PRECAUTIONARY STATEMENTS : Prevention : Wash hands thoroughly after handling. In case of inadequate ventilation wear respiratory protection. Wear respiratory protection. Do not eat, drink or smoke when using this product. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Wear protective gloves/clothing and eye/face protection. Do not breathe dust or mist. Wear protective gloves/clothing Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Obtain special instructions before use. Use explosion-proof electrical/ventilating/lighting/equipment Use only outdoors or in a well ventilated area. Contaminated clothing should not be allowed out of the workplace. Do not breathe dust/fume/gas/mist/vapours/spray. Keep away from flames and hot surfaces. Response : IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Keep container tightly closed. If experiencing respiratory symptoms call a POISON CENTER or doctor/physician. IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If exposed or</p>	<p>IMDG Code : 8/III UN No. : 2209 IATA : 8</p>
Disposal: -----	

Hazard pictogram(s) :



Revised Date 04-10-2016