







1,2-DICHLOROETHANE

PRODUCT CODE	R09205	
SYNONYMS	Ethylene chloride	
C.I. NO.	N/A	
CASR NO.	107-06-2	
ATOMIC OR MOLECULAR FORMULA	ClCH ₂ CH ₂ Cl	
ATOMIC OR MOLECULAR WEIGHT	98.96	
PROPERTIES	--	
PARAMETER	LIMIT	
Description	A clear liquid colour not more than 10 Hazen units.	
Solubility	Immiscible with water, miscible with alcohol forming clear and colourless solution.	
Minimum Assay (By GC)	99.0%	
Wt.per ml at 20°C	1.251 - 1.254 g	
Boiling Range	82° - 84°C	
MAXIMUM LIMIT OF IMPURITIES		
Non volatile matter	0.01%	
Free chlorine (Cl)	0.002%	
Note(s) : Assay (if applicable) method mentioned.		
<p>DANGERHAZARD STATEMENTS : May cause respiratory irritation. Highly flammable liquid and vapour. Toxic if inhaled. Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May cause CANCER.</p> <p>PRECAUTIONARY STATEMENTS :</p> <p>Prevention : Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Obtain special instructions before use. Ground/bond container and receiving equipment. Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Wash thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapours/spray. Keep away from heat/sparks/open flame - No smoking. Wear protective gloves and eye/face protection. Use personal protective equipment as required. Keep container tightly closed. Do not handle until all safety precautions have been read and understood. Use only nonsparking tools. Use explosion-proof electrical/ventilating/lighting/equipment. Take precautionary measures against static discharge.</p> <p>Response : If exposed or concerned: Get medical attention advice. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Wear eye/face protection. If eye irritation persists, get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs, seek medical advice/attention. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Call a POISON CENTER or doctor/physician if you feel unwell. Specific treatment: refer to Label or MSDS. In case of fire, use dry agent for extinction. IF ON SKIN: Gently wash with plenty of soap and water. Immediately call a POISON CENTER or doctor/physician. Remove/Take off immediately all contaminated clothing. Wash/Decontaminate removed clothing before reuse.</p>		<p>IMDG Code : 3/II UN No. 1184 IATA : 3</p>
<p>Disposal : Allow to evaporate in safe open area (applicable for small quantities). The chemical should be burnt in a chemical incinerator equipped with burner and scrubber. Follow the instructions as per code no. 7, but transfer the waste to drum specifically designated for halogenated hydrocarbon solvents.</p>		
<p>Hazard pictogram(s) :</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>GHS02</p> </div> <div style="text-align: center;">  <p>GHS06</p> </div> <div style="text-align: center;">  <p>GHS08</p> </div> </div>		

Replace Date 1 April 2023

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