


1-THIOGLYCEROL

PRODUCT CODE	242745	
SYNONYMS	(3-Mercapto-1,2-propanediol)	
C.I. NO.	--	
CASR NO.	(96-27-5)	
ATOMIC OR MOLECULAR FORMULA	C₃H₈O₂S	
ATOMIC OR MOLECULAR WEIGHT	108.16	
PROPERTIES	Light sensitive/Hygroscopic, combustible.	
PARAMETER	LIMIT	
Description	Clear and colourless liquid.	
Solubility	Miscible with alcohol.	
Minimum Assay (Iodometric)	90.00%	
Wt. per ml at 20°C	About 1.23 g	
Refractive index (n) _D ²⁰	About 1.526	
Note(s) : Assay (if applicable) method mentioned.		
DANGER Hazard statements : May cause respiratory irritation. Toxic if inhaled. Toxic in contact with skin. Toxic if swallowed. Causes mild skin irritation. Precautionary statements Prevention: Wear protective gloves/clothing. Use only outdoors or in a well ventilated area. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid breathing dust/fume/gas /mist/vapours/spray. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Response: Immediately call a POISON CENTER or doctor/physician. If skin irritation occurs, seek medical advice/attention. Keep container tightly closed. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF ON SKIN: Gently wash with plenty of soap and water. Call a POISON CENTER or doctor/physician if you feel unwell. Specific treatment: refer to Label or MSDS. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Remove/Take off immediately all contaminated clothing. Wash/Decontaminate removed clothing before reuse.		IMDG Code : 6.1/III UN No. : 2810 IATA : 6.1
Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.		
Hazard Pictogram(s) :- <div style="text-align: center;">  GHS06 </div>		

Replace date: 29-May-2025