



2-MERCAPTO PROPIONIC ACID FOR SYNTHESIS

PRODUCT CODE	R09480	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	(79-42-5)	
ATOMIC OR MOLECULAR FORMULA	$C_3H_6O_2S$	
ATOMIC OR MOLECULAR WEIGHT	106.14	
PROPERTIES	--	
PARAMETER	LIMIT	
Description	Clear colourless liquid.	
Solubility	Miscible with water.	
Minimum assay (by $Na_2S_2O_3$)	95.0%	
Wt. per ml (at 25°C)	About 1.196 g	
Refractive index (n_D^{20})	1.478-1.484	
MAXIMUM LIMIT OF IMPURITIES		
Arsenic (As)	0.0003%	
Cadmium (Cd)	0.0001%	
Mercury (Hg)	0.0001%	
Lead (pd)	0.001%	
Note(s) : Assay (if applicable) method mentioned.		
DANGER Hazard statements: Harmful if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage. Causes serious eye damage. Harmful to terrestrial vertebrates. Precautionary statements Prevention: Keep only in original container. Do not breathe dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. Response: F SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. 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. Rinse mouth. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage.		IMDG Code : 6.1/II UN No. : 2936 IATA : 6.1
Disposal:---		
Hazard Pictogram(s) :--		
 GHS05		

Replace Date 1 April 2023