




2-MERCAPTO BENZOTHAZOLE AR

PRODUCTCODE	R08311	
SYNONYMS	2-Benimidazolethiol	
C.I. NO.	--	
CASR NO.	(149-30-4)	
ATOMICFORMULARFORMULA	C₇H₅N₂S₂	
ATOMICFORMULARWEIGHT	167.25	
PROPERTIES	Keep under nitrogen for longer shelf life; sensitive to air. Combustible.	
PARAMETER	LIMIT	
Description	Pale yellow crystalline powder.	
Solubility	5% solution in Acetone is clear.	
Minimum Assay (HPLC)	98%	
Melting range	177–181°C	
Suitability for metal determination	Passes test.	
MAXIMUM LIMIT OF IMPURITY		
Sulphated Ash	0.1%	
Note(s): Assay (if applicable) method mentioned.		
HAZARD WARNING	Harmful if swallowed. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause respiratory irritation. Toxic to aquatic life with long lasting effects.	IMDG Code: 9/III UNNo. 3077 IATA 9
PRECAUTIONARY STATEMENTS	Prevention : Avoid breathing dust/ fume/ gas/ mist/ vapours / spray. Wash ... thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Response: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove victim 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. Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. If skin irritation occurs: Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before re-use. Wash contaminated clothing before re-use. Collect spillage.	
Disposal:	The quantities greater than 10g should be dissolved in dilute acid and transferred to heavy metal waste drum for collection by specialist disposal company.	
Hazard Pictogram(s):	  GHS07 GHS09	

Replace Date 1 April 2023