

OXALIC ACID DIHYDRATE FOR MOLECULAR BIOLOGY

PRODUCT CODE	970260	
SYNONYMS	Ethanedioic acid	
C.I. NO.	--	
CASR NO.	6153-56-6	
ATOMIC OR MOLECULAR FORMULA	$C_2H_2O_4 \cdot 2H_2O$	$C_2H_2O_4 \cdot 2H_2O$
ATOMIC OR MOLECULAR WEIGHT	126.07	
PROPERTIES	Store below 30°C	
PARAMETER	LIMIT	
Description	Colourless or white crystals or crystalline powder free from efflorescence.	
Solubility	10% solution in hot water is clear and colourless.	
Minimum assay (Oxidimetric)	99.0%	
Melting range	98 - 106°C	
DNase, RNase	None detected	
Note(s) : Assay (if applicable) method mentioned.		
WARNING HAZARD DANGER Harmful if swallowed. Causes skin irritation. Causes serious eye damage. May cause respiratory irritation. 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. 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. Immediately call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before re- use		IMDG Code : 8/III UN No. : 3261 IATA : 8
Disposal : The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber		
Hazard Pictogram(s) :-----   GHS05 GHS07		

Replace date 11-Nov-2025