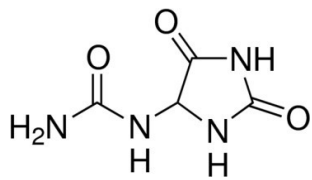



ALLANTOIN FINE POWDER

PRODUCT CODE	R02303	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	(97-59-6)	
ATOMIC OR MOLECULAR FORMULA	$C_4H_6N_4O_3$	
ATOMIC OR MOLECULAR WEIGHT	158.12	
PROPERTIES	Readily soluble in alkalis. Optically active forms are known.	
PARAMETER	LIMIT	
Description	White to almost white fine powder.	
Solubility	Soluble with NaOH solution forming clear and colourless solution.	
Assay (Acidimetric, on dried substance)	99 - 101%	
pH (of 0.5% solution in water)	4 - 6	
Melting range	223 - 226°C (Dec.)	
Particle Size (Passing through 200 mesh)	Min. 98%	
MAXIMUM LIMIT OF IMPURITIES		
Loss on drying at 105°C	0.1%	
Sulphated ash	0.1%	
Chloride (Cl)	0.005%	
Sulphate (SO ₄)	0.02%	
Arsenic (As)	0.0002%	
Iron (Fe)	0.001%	
Lead (Pb)	0.001%	
Note(s) : Assay (if applicable) method mentioned.		
WARNING	IMDG Code : --	
Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.	UN No. : --	
Precautionary statements	IATA : --	
Prevention : Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.		
Response : 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. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.		
Disposal : Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company.		
Hazard Pictogram(s) :		
 <p>GHS05 GHS07</p>		

Replace Date 1 April 2023

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