

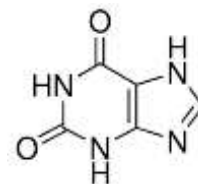


Product Specification

cdhfinechemical.com

XANTHINE FOR BIOCHEMISTRY

PRODUCT CODE	042057
SYNONYMS	2,6-Dihydroxypurine
C.I. NO.	--
CASR NO.	(69-89-6)
ATOMIC OR MOLECULAR FORMULA	C₅H₄N₄O₂
ATOMIC OR MOLECULAR WEIGHT	152.11
PROPERTIES	Decomposition on heating without melting and with partial sublimation. Soluble in mineral acids.



PARAMETER	LIMIT
Description	White to yellow to orange crystals or powder
Solubility	33.3 mg soluble in 1 mL of 1M sodium hydroxide
Minimum Assay (HPLC)	99.0%

Note(s) : Assay (if applicable) method mentioned.

WARNING

Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.

Precautionary statements

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.

IMDG Code :
UN No. :
IATA :

Hazard Pictogram(s) :



GHS07

Replace date 03-Jan-2024