

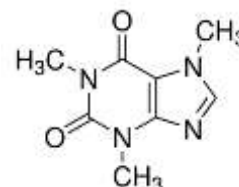


# Product Specification

cdhfinechemical.com

## CAFFEINE ANHYDROUS PURE

PRODUCT CODE	041885
SYNONYMS	1,3,7-Trimethylxanthine
C.I. NO.	--
CASR NO.	58-08-2
ATOMIC OR MOLECULAR FORMULA	C <sub>8</sub> H <sub>10</sub> N <sub>4</sub> O <sub>2</sub>
ATOMIC OR MOLECULAR WEIGHT	194.19
PROPERTIES	—



PARAMETER	LIMIT
-----------	-------

Description	A fine white crystalline powder.
Solubility	1% solution in hot water is clear and colourless.
Assay(By Non-Aq., Calculated with reference to the Dried substance)	98.5- 101%
Melting range	235°-239°C

### MAXIMUM LIMIT OF IMPURITY

Sulphated ash	0.1%
---------------	------

**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.

IMDG Code : --  
UN No. : --  
IATA : --

**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) :



GHS07

Replace Date 29-May-2023