

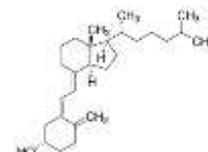


# Product Specification

cdhfinechemical.com

## VITAMIN D<sub>3</sub>

PRODUCT CODE	262085
SYNONYMS	Cholecalciferol
C.I. NO.	-
CASR NO.	67-97-0
ATOMIC OR MOLECULAR FORMULA	C <sub>27</sub> H <sub>44</sub> O
ATOMIC OR MOLECULAR WEIGHT	384.64
PROPERTIES	-



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

Description	White to almost White crystals or powder.
Solubility	Freely soluble in 96% ethanol.
Minimum assay	97.0%
Melting point	83-86°C
Specific rotation	+105.00° to +112.00° (c = 0.5% in ethanol at 25°C)

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

### DANGER

**Hazard statements :** Toxic if inhaled. Toxic in contact with skin. Toxic if swallowed. May cause damage to organs through prolonged or repeated exposure. Harmful to aquatic life with long lasting effects

### Precautionary statements

**Prevention :** Do not breathe dust/fume/gas/mist/vapours/spray. Wear protective gloves/clothing Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

**Response :** Get medical advice/attention if you feel unwell. Immediately call a POISON CENTER or doctor/physician. IF ON SKIN: Gently wash with plenty of soap and water. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Keep container tightly closed. Call a POISON CENTER or doctor/physician if you feel unwell. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Specific treatment: refer to Label or MSDS. Wash/ Decontaminate removed clothing before reuse. Remove/ Take off immediately all contaminated clothing

**Disposal:** Dispose of contents and container in accordance with relevant legislation.

IMDG Code : 6.1/II  
UN No. : 2811  
IATA : 6.1

### Hazard Pictogram(s) :



GHS06



GHS08

Replace date 26-Feb-2026