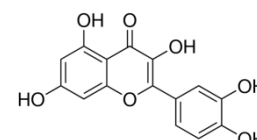




# Product Specification

cdhfinechemical.com

## QUERCETIN DIHYDRATE



<b>PRODUCT CODE</b>	<b>205315</b>
<b>SYNONYMS</b>	<b>(3,3',4',5,7-Pentahydroxy flavone)</b>
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>(6151-25-3)</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>C<sub>15</sub>H<sub>10</sub>O<sub>7</sub>·2H<sub>2</sub>O</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>338.27</b>
<b>PROPERTIES</b>	--

### PARAMETER LIMIT

Description	Yellow to yellow with green to brown cast powder.
Solubility	2.4% soluble in DMSO.
Minimum assay (HPLC)	98.0%
Melting range (with decomposition)	Min. 300 <sup>0</sup> C

### MAXIMUM LIMIT OF IMPURITIES

Residue on ignition	0.2%
Loss on drying	9.5 – 12.5%

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

#### DANGER

**Hazard statements :** May cause respiratory irritation. Toxic if inhaled. Toxic in contact with skin. Toxic if swallowed. Causes mild skin irritation.

#### Precautionary statements

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

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

IMDG Code : 6.1/III

UN No. : 2811

IATA : 6.1

**Disposal:** Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.

Hazard Pictogram(s) :-



GHS06

REPLACE-05.08.2020