



# Product Specification

## Product Name: CALCIUM Dry Granules TG

Alternate Name(s)

### Description

Silver-white granular metal; odourless.

### Properties

Chemical Formula: Ca  
Molecular Weight: 40.078

Product Code: CT021  
CAS No. 7440-70-2

### General Information:

Soluble in water and liquid ammonia; insoluble in and inert towards benzene and kerosene. Incompatible with lead chloride, chlorine, fluorine, oxygen, water, moisture and mixtures containing water.

### Hazard and Safety Data

UN Group: II  
Class: 4.3  
UN Number: 1401  
Hazchem code: 4W  
CS MSDS Code: 1CH1J  
Poison schedule: Not Scheduled  
Emergency  
Procedure Guide No.: 26

### Quality Specification

Assay: 98% min.

### Specific Properties and Impurities [Typical levels]:

Melting point 842 - 850 °C  
Density (@ 20 °C) 1.54 g/cm<sup>3</sup>  
pH value (4 g/L, H<sub>2</sub>O @ 20 °C) 14

---

Chem-Supply Pty Ltd - An ISO 9001:2000 Accredited Company

38 - 50 Bedford Street, Gillman SA 5013, Australia ABN 19 008 264 211 PO Box 201, Port Adelaide SA 5015, Australia  
Telephone +61 8 8440 2000 Fax +61 8 8440 2001 E-mail: sales@chemsupply.com.au Web: www.chemsupply.com.au

Chem-Supply does not warrant that this product is suitable for any use or purpose. The user must ascertain the suitability of the product for any intended purpose. Preliminary testing of the product before use or application is recommended. Any reliance or purported reliance upon Chem-Supply Pty Ltd with respect to any skill or judgement or advice in relation to the suitability of this product for any purpose is disclaimed. Except to the extent prohibited at law, any condition implied by any statute as to the merchantable quality of this product or fitness for any purpose is hereby excluded. This product is not sold by description. Where the provisions of Part V, Division 2 of the Trade Practices Act apply, the liability of Chem-Supply Pty Ltd is limited to the replacement or supply of equivalent goods or payment of the cost of replacing the goods or acquiring equivalent goods.