



MATERIAL SAFETY DATA SHEET

Calcium Standard Solution 1000 Mg/l

Product Identification

Product Code

Product use

Calcium Standard Solution 1000 as Ca⁺⁺

CRM0004

It is intended to be used as a primary standard for standardization of titrimetric analysis, calibration of instrument & validation of standard method.

Composition /Information on ingredients

Component	Cas no.	Percentage
Calcium Carbonate	471-34-1	≤3
Deionized water	7732-18-5	>96
Nitric acid	7691-37-2	≤1

Hazards information's

Hazard for normal use

May irritate eyes and skin

Target Organs

Acute Toxicity

Chronic Toxicity

Medical condition aggravated by Exposure

Non-hazardous

May cause mild eye and skin irritation on direct or prolonged contact.

None

No data available

No data available

None

First aid measures

Eye and skin contact

Ingestion

Inhalation

Rinse cautiously with water for several minutes, wash of plenty of soap and water.

Drink large amounts of water. Get medical attention

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

Clean up and wash down drain.

Accidental release Measures

Handling and storage

Wash hands and other exposed areas with mild soap and water before eating. Provide good ventilation in process area to prevent formation of vapor. Keep away from heat and keep container closed.

Physical and Chemical Properties

State

Sensitivity to mechanical impact

Solubility in water

Boiling point

Stability and reactivity

Clear liquid

None

Soluble

No data available

Odor threshold

Specific gravity

pH

Vapor density

No data available

No data available

<2.0

Not determined

The product is stable under recommended storage and handling conditions. No dangerous reactions are expected under normal laboratory use.

Ecological information

Toxicological Information

Disposal condition

Transport information

Other information

No data available

None

Dispose of in a manner consistent Local Regulations.

Product is not hazardous for transport

the above information is believed to be accurate and represent the best information

Currently available to us. The Product is offered in accordance with the manufacturers' current production specification and are intended solely for use in analytical testing. The manufacturer shall in no event be liable for any injury, loss or damage resulting from the handling, use or misuse of these products.



MSDS prepared by Quality Manager of NICP RMP

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