

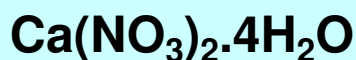


SDFCL
s d fine-CHEM limited
Quality Control Dept.



Product Specification

E Control	QC2\DATAD\DA\PS\20305XPS.xls
PRODUCT CODE	20305
PRODUCT NAME	CALCIUM NITRATE TETRAHYDRATE AR
SYNONYMS	--
C.I. NO.	--
CASR NO.	(13477-34-4)
ATOMIC OR MOLECULAR FORMULA	Ca(NO ₃) ₂ .4H ₂ O
ATOMIC OR MOLECULAR WEIGHT	236.15
PROPERTIES	Soluble in water, alcohol and acetone.



PARAMETER	LIMIT
Description	Colourless delequescent crystals.
Solubility	Soluble in water.
Minimum Assay (Complexometric)	99.0%
MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter	0.003%
Acidity (HNO ₃)	0.013%
Chloride (Cl)	0.002%
Phosphate (PO ₄)	0.001%
Sulphate (SO ₄)	0.005%
Barium (Ba)	0.01%
Copper (Cu)	0.001%
Iron (Fe)	0.0005%
Lead (Pb)	0.001%
Magnesium (Mg)	0.015%
Strontium (Sr)	0.01%

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

WARNING

Hazard statements: May cause respiratory irritation. May intensify fire; oxidizer. Harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation. Toxic to aquatic life.

Precautionary statements

Prevention: Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Take any precaution to avoid mixing with combustible or incompatible materials. Keep away from heat.

Response: If skin irritation occurs, seek medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/ attention. Wear eye/face protection. Specific treatment: refer to Label or MSDS.

IMDG Code : 5.1 / III
UN No. : 1454
IATA : 5.1

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

Hazard Pictogram(s) :



Skin irritation



Oxidising

Prepared By :	Checked By:	Approved By:	Issue Date : 01.07.2002
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No.: 01
Sign. :	Sign. :	Sign. :	Revision dt. : 02.04.2010
Date : 01.04.2010	Date : 01.04.2010	Date : 02.04.2010	AMEND NO. : 1554

