



SDFCL
s d fine-CHEM LIMITED

Quality Control Dept.



Q Product Specification

E Control	QC2\DATAD\ID:PS\20070XPS.xls
PRODUCT CODE	20070
PRODUCT NAME	CALCIUM CHLORIDE DIHYDRATE AR, ACS (Meets Analytical Specification of IP, BP, USP, Ph. Eur.)
SYNONYMS	--
C.I. NO.	--
CASR NO.	(10035-04-8)
ATOMIC OR MOLECULAR FORMULA	CaCl ₂ ·2H ₂ O
ATOMIC OR MOLECULAR WEIGHT	147.01
PROPERTIES	---

CaCl₂·2H₂O

PARAMETER	LIMIT
Description	White crystalline powder.
Solubility	10% Solution in water is clear and colourless.
Identification	Passes tests.
Assay (Complexometric)	99.0 - 103%
pH (of 5% Solution in water)	4.5 - 8.5
MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter	0.01%
Free acid (as HCl)	0.005%
Free alkali (as CaO)	0.005%
Ammonium (NH ₄)	0.005%
Sulphate (SO ₄)	0.01%
Aluminium (Al)	0.0001%
Arsenic (As)	0.0003%
Barium (Ba)	0.003%
Iron (Fe)	0.001%
Heavy Metals (as Pb)	0.0005%
Magnesium (Mg)	0.005%
Magnesium & alkali salts	0.5%
Potassium (K)	0.01%
Sodium (Na)	0.02%
Strontium (Sr)	0.05%
Oxidising sub.(as NO ₃)	0.003%
Iron,aluminium & phosphate	Passes test.
Organic volatile impurities	Meets the requirement.

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

WARNING

Hazard statements: Harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation.

Precautionary statements

Prevention: Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

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

IMDG Code :

UN No. :

IATA :

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

Hazard Pictogram(s) :



Skin irritation

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.: 03
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