



SDFCL
s d fine-CHEM limited

Quality Control Dept.



Product Specification

E Control	QC2\DATAD\IPS\37548XPS.xls
PRODUCT CODE	37548
PRODUCT NAME	CADMIUM CHLORIDE HEMIPENTAHYDRATE LR
SYNONYMS	--
C.I. NO.	--
CASR NO.	(7790-78-5)
ATOMIC OR MOLECULAR FORMULA	CdCl ₂ .2 1/2 H ₂ O
ATOMIC OR MOLECULAR WEIGHT	228.35
PROPERTIES	Soluble in water and acetone



PARAMETER	LIMIT
Description	Colourless efflorescent crystals/crystalline powder.
Solubility	10% solution in water is clear and colourless.
Assay (Complexometric)	99.0 – 101.0%
Assay (Complexometric; as CdCl ₂)	79.5 - 81.0%
MAXIMUM LIMIT OF IMPURITIES	
Nitrate (NO ₃)	0.004%
Sulphate (SO ₄)	0.02%
Iron (Fe)	0.003%

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

DANGER

Hazard statements: Fatal if inhaled. Toxic if swallowed. Harmful in contact with skin. May cause CANCER. May damage fertility. May damage the unborn child. Causes damage to organs through prolonged or repeated exposure. Very toxic to aquatic life with long lasting effects. Harmful to life in soil.

Precautionary statements

Prevention: Wear respiratory protection. Wear protective gloves/clothing. Obtain special instructions before use. Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Use personal protective equipment as required. Do not handle until all safety precautions have been read and understood.

Response: If exposed or concerned: Get medical attention advice. Wash contaminated clothing before reuse. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Keep container tightly closed. Specific treatment: refer to Label or MSDS. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Get medical advice/attention if you feel unwell. IF ON

SKIN: Gently wash with plenty of soap and water. Immediately call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell.

IMDG Code : 6.1/III
UN No. : 2570
IATA : 6.1

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

Hazard Pictogram(s) :



Acute toxicity



Aspiration hazard



Aquatic environment

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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