



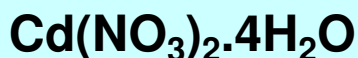
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Quality Control Dept.

Product Specification

E Control	QC2\DATAD\PS\20318XPS.xls
PRODUCT CODE	20318
PRODUCT NAME	CADMIUM NITRATE AR
SYNONYMS	--
C.I. NO.	--
CASR NO.	(10022-68-1)
ATOMIC OR MOLECULAR FORMULA	$\text{Cd}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$
ATOMIC OR MOLECULAR WEIGHT	308.48
PROPERTIES	Soluble in water, ammonia and alcohol.



PARAMETER	LIMIT
Description	Colourless crystals/crystalline powder.
Solubility	10% solution in water is clear and colourless.
Minimum Assay (Complexometry)	99.0%
MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter	0.002%
Chloride (Cl)	0.001%
Sulphate (SO_4)	0.002%
Calcium (Ca)	0.005%
Copper (Cu)	0.001%
Iron (Fe)	0.001%
Lead (Pb)	0.003%
Zinc (Zn)	0.001%

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

DANGER

Hazard statements: Toxic if swallowed. Harmful if inhaled. Harmful in contact with skin. May cause CANCER. Very toxic to aquatic life with long lasting effects. Harmful to life in the soil.

Precautionary statements

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

Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If exposed or concerned: Get medical attention advice. Wash contaminated clothing before reuse. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN: Gently wash with plenty of soap and water. Specific treatment: refer to Label or MSDS.

IMDG Code : 5.1/II
UN No. : 3087
IATA : 5.1

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.: 02
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