



SDFCL
s d fine-chem limited

Quality Control Dept.



Product Specification

E Control	QC2\DATAD\IPS\20154XPS.xls
PRODUCT CODE	20154
PRODUCT NAME	MERCURIC CHLORIDE AR, ACS
SYNONYMS	[Mercury (II) chloride]
C.I. NO.	--
CASR NO.	(7487-94-7)
ATOMIC OR MOLECULAR FORMULA	HgCl ₂
ATOMIC OR MOLECULAR WEIGHT	271.50
PROPERTIES	Soluble in methanol, acetone, ethyl acetate. Slightly soluble in carbon disulfide, pyridine.



PARAMETER	LIMIT
Description	A white/colourless crystals / crystalline powder.
Solubility	5% solution in water is cleaand colourless.
Minimum Assay (Complexometric,ex Hg)	99.5%
Solution in Ethyl ether	Passes test.
Loss on drying (24 hrs in vacuum)	Max.1.0%
Residue after reduction with formic acid	0.02%
MAXIMUM LIMIT OF IMPURITIES	
Mercury (I)chloride	Passes test.
Acidity or alkalinity	Passes test.
Calcium (Ca)	0.001%
Iron (Fe)	0.002%
Lead (Pb)	0.0005%
Magnesium (Mg)	0.001%

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

DANGER

Hazard statements: Fatal in contact with skin. Fatal if swallowed. Fatal if inhaled. May damage the unborn child. Causes damage to organs through prolonged or repeated exposure. May cause damage to organs through prolonged or repeated exposure. Causes severe skin burns and eye damage. Very toxic to aquatic life with long lasting effects.

Precautionary statements

Prevention: Use only outdoors or in a well ventilated area. Wear respiratory protection. Wash hands thoroughly after handling. Do not breathe dust or mist. Wear protective gloves/clothing. Wear protective loves/clothing and eye/face protection. Wash thoroughly after handling. Do not get in eyes, on skin or on clothing. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Do not breathe dust/fume/gas/mist/vapours/spray. Use personal protective equipment as required. 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 SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IMDG Code : 6.1/II
UN No. : 1624
IATA : 6.1

If exposed or concerned: Get medical attention advice. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep container tightly closed. Wash contaminated clothing before reuse. Get medical advice/attention if you feel unwell. Remove/Take off immediately all contaminated clothing. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Specific treatment: refer to Label or MSDS. Immediately call a POISON CENTER or doctor/physician. Wash/Decontaminate removed clothing before reuse. IF ON SKIN: Gently wash with plenty of soap and water.

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

Hazard Pictogram(s) :





Acute toxicity



Aspiration hazard



Corrosive to metals



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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