



SDFCL
s d fine-chem limited
Quality Control Dept.



Product Specification

E Control	QC2\DATAD\D:\PS\20155XPS.xls
PRODUCT CODE	20155
PRODUCT NAME	MERCUROUS CHLORIDE AR, ACS
SYNONYMS	[Mercury(I)chloride]
C.I. NO.	--
CASR NO.	(10112-91-1)
ATOMIC OR MOLECULAR FORMULA	Hg ₂ Cl ₂
ATOMIC OR MOLECULAR WEIGHT	472.09
PROPERTIES	Protect from light. Practically insoluble in water. Sublimes at 400°-500°C without melting.



PARAMETER	LIMIT
Description	White powder.
Minimum Assay (iodometric)	99.5%
Ignition residue after reduction	Max. 0.02%
MAXIMUM LIMIT OF IMPURITIES	
Sulphate (SO ₄)	0.01%
Mercuric chloride (HgCl ₂)	0.01%
Iron (Fe)	0.001%
Lead (Pb)	0.0005%

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

DANGER

Hazard statements : May cause respiratory irritation. Fatal in contact with skin. Fatal if inhaled. Fatal if swallowed. Causes skin irritation. Causes serious eye irritation. Suspected of damaging the unborn child. May cause damage to organs through prolonged or repeated exposure. Very toxic to aquatic life with long lasting effects.

Precautionary statements

Prevention: Use only outdoors or in a well ventilated area. Do not breathe dust/fume/gas/mist/vapours/ spray. Obtain special instructions before use. Do not get in eyes, on skin or on clothing Wash thoroughly after handling. Wear respiratory protection. Wear protective gloves/clothing. Wash hands thoroughly after handling. Do not handle until all safety precautions have been read and understood. 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. Keep container tightly closed. If eye irritation persists, get medical advice/attention. If exposed or concerned: Get medical attention advice.

IMDG Code : 9/III
UN No. : 3077
IATA : 9

Wear eye/face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs, seek medical advice/attention. Remove/Take off immediately all contaminated clothing. Specific treatment: refer to Label or MSDS. Get medical advice/attention if you feel unwell. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Wash/Decontaminate removed clothing before reuse. F ON SKIN: Gently wash with plenty of soap and water. Immediately call a POISON CENTER or doctor/physician.

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
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