



SDFCL
s d fine-CHEM limited

Quality Control Dept.

Product Specification



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PRODUCT CODE	20368
PRODUCT NAME	MERCURIC SULPHATE AR,ACS
SYNONYMS	(Mercury(II) Sulphate)
C.I. NO.	--
CASR NO.	(7783-35-9)
ATOMIC OR MOLECULAR FORMULA	HgSO ₄
ATOMIC OR MOLECULAR WEIGHT	296.65
PROPERTIES	Protect from light. Decomposes by water into a yellow insoluble, basic sulfate and free H ₂ SO ₄

HgSO₄

PARAMETER	LIMIT
Description	White crystalline powder or chunks.
Solubility	10% solution in dil.H ₂ SO ₄ acid is clear and colourless.
Minimum Assay (Complexometric; ex Hg)	99.00%
Residue after reduction	Max. 0.02%
MAXIMUM LIMIT OF IMPURITIES	
Chloride (Cl)	0.003%
Nitrate (NO ₃)	0.005%
Calcium (Ca)	0.005%
Iron (Fe)	0.005%
Mercury (I) (as Hg)	0.15%
Magnesium (Mg)	0.005%
Sodium (Na)	0.005%

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

DANGER

Hazard statements: Fatal in contact with skin. Fatal if inhaled. Fatal if swallowed. May cause allergic or asthmatic symptoms or breathing difficulties if inhaled. May cause allergic skin reaction. 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: Wear protective gloves/clothing. In case of inadequate ventilation wear respiratory protection. Contaminated clothing should not be allowed out of the workplace. Do not get in eyes, on skin or on clothing. Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Wear respiratory protection. Do not breathe dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after handling. Do not handle until all safety precautions have been read and understood. Do not eat, drink or smoke when using this product. Obtain special instructions before use. Use personal protective equipment as required.

Response: If exposed or concerned: Get medical attention advice. Keep container tightly closed. If experiencing respiratory symptoms call a POISON CENTER or doctor/physician. If skin irritation or rash occurs, seek medical advice/attention. Wash contaminated clothing before reuse. IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Specific treatment: refer to Label or MSDS. Remove/Take off immediately all contaminated clothing. Get medical advice/attention if you feel unwell. IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.

IMDG Code : 6.1/II
UN No. : 1645
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 : 04.09.2006
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No.: 01
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