

MERCURIC SULPHATE AR/ACS

PRODUCT CODE	581085	
SYNONYMS	[Mercury (II) sulphate]	
C.I. NO.	--	
CASR NO.	(7783-35-9)	
ATOMIC OR MOLECULAR FORMULA	HgSO ₄	
ATOMIC OR MOLECULAR WEIGHT	296.65	HgSO₄
PROPERTIES	Protect from light. Decomposes by water into a yellow insoluble, basic sulphate and free H ₂ SO ₄	

PARAMETER	LIMIT
Description	Heavy white crystalline powder.
Solubility	10% solution in hot dilute sulphuric acid is clear and colourless.
Minimum assay (Complexometric; ex Hg)	99.0%

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): 1] Assay (if applicable) method mentioned.

<p>DANGER</p> <p>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</p> <p>Precautionary statements</p> <p>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.</p> <p>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.</p> <p>Disposal: Dispose of contents and container in accordance with relevant legislation.</p>	<p>IMDG Code : 6.1/II</p> <p>UN No. : 1645</p> <p>IATA : 6.1</p>
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GHS06



GHS08



GHS09

Replace date 06-Dec-2022