

TECHNICAL DATA

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THIS CHEMICAL IS
FORMULATED FOR

WARNING INDUSTRIAL USE ONLY

Contact with skin or clothing or other improper handling or use of this product may result in bodily harm or other damage. Before using or mixing the contents with other substances, all labels applied to container, the applicable Technical Data Sheet and Material Safety Data Sheet should be read and specific instructions and precautions followed to assure correct use and personal safety.

AUSCOLOR SS98 STANNOUS SULPHATE.

PRODUCTION DESCRIPTION

AUSCOLOR SS98 STANNOUS SULPHATE is ideal for use in the electrocolouring of aluminium. It is the result of a series of advanced technological studies for aluminium.

ADVANTAGES

- Max solubility
- Max purity

CHARACTERISTICS

Chemical formula	:SnSO ₄
Molecular weight	:214.8
Appearance	:White powder
Solubility in water at 20C	:35 g/l
Total Sn content	:>=55%
Tetra Sn content	:0.01%
Stannous Sn content	:>99.5%
Apparent density	:1.8Kg/l

ANALYSIS OF STANNOUS SULPHATE IN ELECTROCOLOURING BATH

REAGENT REQUIRED

- Concentrated hydrochloric acid
- Iodine 0.1 N solution
- Starch solution (indicator)
- Marble chips

METHOD

- Measure 100 ml of distilled water and pour into a beaker.
- Add 10ml of hydrochloric acid by graduated pipette
- Add some pieces of marble
- Add 10ml of bath solution by graduated pipette
- Add 2 ml of starch solution as indicator
- Titrate with iodine solution until the solution changes to blue.
- Record quantity of titrate used as "A".

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CALCULATION

A x 1.0737 = g/l of Stannous Sulphate

PACKAGING

AUSCOLOR SS98 STANNOUS SULPHATE is available in 50 kg throw away plastic drums with an internal polyethylene bag.

AUSCOLOR SS98 STANNOUS SULPHATE is also available in solution at concentrations of 150,200,225 g/l.

HANDLING : HEALTH AND SAFETY

Ingestion and direct contact with eyes and skin can be harmful. If ingested, seek medical advice. As with all chemicals care must be exercised during handling and it is recommended that protective clothing, full face shield and rubber gloves are worn.

STORAGE

AUSCOLOR SS98 STANNOUS SULPHATE containers should be kept tightly closed. It is good management practice to store all chemicals in a locked weatherproof area to control access of unauthorized persons and to provide protection from the elements.

For further information on AUSCOLOR SS98 STANNOUS SULPHATE or any other of the side range of products we have developed for the aluminium finishing industry, please contact the Marketing of Technical Department of AUSTRALIAN CHEMICALS AND COATINGS.