

## FASCAT 2004 Stannous dichloride CAS 7772-99-8

### Overview:

Chinese name: FASCAT2004 catalyst, anhydrous tin dichloride, stannous dichloride

English name:

FASCAT2004; Anhydrous stannous chloride; C. I. 77864; c. i. 77864; STANNOUSCHLORIDE ANHYDROUS, 99.99+%; tin(II) chloride, ultradry; STANNOUSCHLORIDE, ANHYDROUS, REAGENT

Related categories: General Reagents; Catalysis and Inorganic Chemistry; Specialty Reagents; Biochemistry; Tin; Stannous Chloride; Chemical Products - Organic Chemicals; Organic Chemical Raw Materials; Inorganic Chemicals; Heavy Metal; Crystal Grade Inorganic Chemicals; Tin Salts; Catalysis and Inorganic Chemistry; Chemical Synthesis; Materials Science; Metal and Ceramic Science; Salts; Tin; Pharmaceutical Materials; Additives; Chemical Materials



无水二氯化锡

Anhydrous stannous chloride



### Physical and chemical properties:

CAS number: 7772-99-8

Molecular formula: Cl<sub>2</sub>Sn

Molecular weight: 189.62

EINECS Number: 231-868-0

Melting point 246° C (lit.)

Boiling point 652° C (lit.)

Density 3.95 Flash Point 652° C

Storage conditions Store at RT.

Solubility H<sub>2</sub>O: soluble

Morphology powder

Color White

Specific gravity 3.95

PH value 2.0 (100g/l, H<sub>2</sub>O, 20°C)

Soluble in water, alkalies, alcohol, methyl ethyl ketone, methyl acetate and acetone.

Sensitivity Air sensitive & hygroscopic Merck 14, 87 Chemical book 83

Stability

Stable, but moisture sensitive. Incompatible with strong bases, strong oxidizing agents, reactive

ve metals, hydrogen peroxide, water.

InChIKey AXZWODMDQAVCJE-UHFFFAOYSA-LCAS

Database 7772-99-8 (CAS DataBase Reference)

EPA Chemical Substance Information Tin dichloride (7772-99-8)

- Solid white to off-white flaked material
- Esterification catalysts
- Removable from final ester by filtration
- Used in tin plating and other metal finishing

use:

For the determination of silver, arsenic, molybdenum, etc., also used as mordant, reducing agent

Anhydrous tin dichloride is used in dyes, fragrances, mirror making, electroplating and other industries; and as ultra-high pressure lubricating oil, bleaching agent, as reducing agent, mordant, decolorizing agent and analytical reagent, for silver, arsenic, molybdenum, Determination of mercury. Strong reducing agent. Determination of serum inorganic phosphorus and alkaline phosphatase activity. Chemical book force. Molybdenum blue method was used to determine the phosphorus content of soil and plants. Organic reaction catalyst. Used as reducing agent, mordant, acid tin plating, as main salt. It is used in the glass mirror industry as a sensitizer for silver nitrate plating, so that the coating has good brightness, and the coating is not easy to fall off when adding this product during ABS electroplating.

Storage and transportation:

It should be sealed and stored in a dry, cool and ventilated warehouse

Package:

200KG/drum Storage: It is recommended to store in a dry and cool area with proper ventilation. After the original packaging, please fasten the packaging cover as soon as possible to prevent the mixing of other substances such as moisture and affect the performance of the product. Store in a cool, dry place and keep container tightly closed to avoid contact with oxides. Do not breathe dust and avoid contact with skin and mucous membranes. Smoking, eating and drinking are prohibited in the workplace. After work, shower and change. Store contaminated clothing separately and wash before reuse. Practice good hygiene.

## Contact Us

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