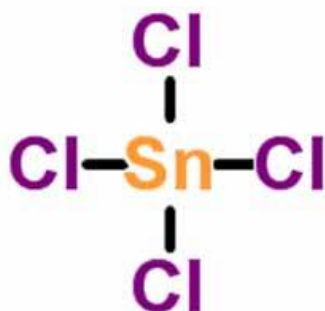


## Basic Information:

Chinese name: anhydrous tin tetrachloride, tin tetrachloride, CAS 7646-78-8

Chinese alias: anhydrous tin chloride; high tin chloride, FASCAT4400 catalyst, tin tetrachloride; tin chloride (anhydrous); tin chloride, anhydrous; tin tetrachloride (IV); anhydrous tetrachloride Tin; Tin Chloride; Tin(IV) Chloride Solution; Tin(IV) Chloride Hydrate; Fuming Tin Chloride; Tin Chloride; Tin(IV) Chloride; Tin Tetrachloride, Anhydrous ; Anhydrous tin chloride; Tin tetrachloride (about 1.0mol/L in dichloromethane), anhydrous tin tetrachloride

English alias: Tin tetrachloride anhydrous; Tin chloride anhydrous, Tin(IV) chloride;TTC;stannic chloride fuming;Tin(IV) chloride solution;Tin (IV) chloride anhydrous;Tin tetrachloride;Stannic chloride;TIN(IV) CHLORIDE PENTAHYDRATE; Tinchlorideanhydrous;Tin chloride;Tin tetrachloride,ethanol solution;tetrachlorostannane;Stannic Chloride (ca. 1.0mol/L in Dichloromethane);Tetrachloro-stannane, tintet



无水四氯化锡

Tin tetrachloride anhydrous



English name: Tin Tetrachloride (TCC)

CAS Number: 7646-78-8

Molecular formula: SnCl<sub>4</sub>

Danger Sign: C (Corrosive)

## Physical and chemical properties:

Density: 2.226

Melting point: -33 °C

Boiling point: 114 °C

Purity: 99.9% (high purity reagent)

Properties: Colorless fuming corrosive liquid, sensitive to moisture. Soluble in water and emits a lot of heat, soluble in ethanol, carbon tetrachloride, benzene, toluene, acetone, kerosene and gasoline. Moderately toxic, the median lethal concentration (rat, inhalation) is 2300mg/m<sup>3</sup>. Irritant and corrosive.

## use:

Appearance colorless transparent or slightly yellow transparent fuming liquid, acidic. Soluble in water and emits a lot of heat, soluble in alcohol, carbon tetrachloride, benzene, toluene, gasoline, etc.

It can be used for the synthesis of organic tin, TCO photovoltaic glass, LOW-E glass coating agent, medicine, organic synthesis as catalyst, dehydrating agent, separation of potassium from rubidium and cesium. Used in organic analysis to saponify phenols and ethers. Organic synthetic dehydrating agent. Manufacture of organotin. Fabric dyeing.

## Storage and transportation:

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

**Health Hazards:**

It has a strong irritating effect on eyes, skin, mucous membranes and respiratory tract. Inhalation may cause death due to spasm, edema, inflammation of the larynx and bronchi, chemical pneumonitis, and pulmonary edema. Poisoning symptoms include burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea and vomiting.

**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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