TIN (II) SULFATE

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1. Product Identification

Synonyms: stannous sulfate, tin (II) sulphate, stannous sulphate, tin (2+) sulfate, tin (2+) sulphate, sulphuric acid tin (II) salt, sulfuric acid tin (II) salt
CAS No.: 7488-55-3
Molecular Weight: 214.77
Chemical Formula: $SnSO_4$
Product Codes: CHEM-298 and others

2. Composition/Information on Ingredients

Ingredient	CAS No	Percent	Hazardous
Quinacrine Dihydrochloride Dihydrate	69-05-6	99 - 100%	Yes

3. Hazards Identification

SAF-T-DATA(tm) Ratings (Provided here for your convenience)
Health Rating: 2 - Moderate (Life)
Flammability Rating: 0 - None
Reactivity Rating: 0 - None
Contact Rating: 2 - Moderate
Lab Protective Equip: GOGGLES & SHIELD; LAB COAT & APRON; VENT HOOD; PROPER GLOVES
Storage Color Code: Green (General Storage)

4. First Aid Measures

Inhalation:
Remove to fresh air. Get medical attention for any breathing difficulty.
Ingestion:
Not expected to require first aid measures. If large amounts were swallowed, give water to drink and get medical advice.
Skin Contact:
Not expected to require first aid measures. Wash exposed area with soap and water. Get medical advice if irritation develops.
Eye Contact:
Not expected to require first aid measures. Wash thoroughly with running water. Get medical advice if irritation develops.

5. Fire Fighting Measures

Fire:
Not considered to be a fire hazard.
Explosion:
Finely divided powder presents an explosion hazard.
Fire Extinguishing Media:
Use any means suitable for extinguishing surrounding fire.
Special Information:
In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode. Zinc oxide fume may be released when heated.

6. Accidental Release Measures

Clean-up personnel require protective clothing and respiratory protection from dust. Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Spills: Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal.

7. Handling and Storage

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Isolate from incompatible substances. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

8. Exposure Controls/Personal Protection

Ventilation System:
A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.
Skin Protection:
Wear protective gloves and clean body-covering clothing.
Eye Protection:
Safety glasses.

9. Physical and Chemical Properties

Appearance:
Off-white solid
Solubility:
Slightly water soluble.
Density (g/cm^3):
1.35
pH:
No information found.

% Volatiles by volume @ 21°C (70°F):
No information found.
Boiling Point:
No information found.
Melting Point:
No information found.
Vapor Density (Air=1):
No information found.
Vapor Pressure (mm Hg):
No information found.
Evaporation Rate (BuAc=1):
No information found.

10. Stability and Reactivity

Stability:
Stable, but moisture sensitive. Incompatible with strong oxidizing agents.

11. Toxicological Information

Irritant
Toxicological Data:
ORL-RAT LD50 2207 mg kg-1
ORL-MUS LD50 2152 mg kg-1

12. Ecological Information

Environmental Fate:
No information found.
Environmental Toxicity:
No information found.

13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. Transport Information

UN 3260.
Hazard class 8.
Packing group III.

15. Regulatory Information

No information found.

16. Other Information

Product Use:
Laboratory Reagent and Consumer Hobby.
Revision Information:
None
Disclaimer:
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