

BARTLETT CHEMICALS -- SODIUM STANNATE -- 6810-00-239-0910

===== Product Identification =====

Product ID:SODIUM STANNATE

MSDS Date:10/28/1993

FSC:6810

NIIN:00-239-0910

MSDS Number: BSCTK

=== Responsible Party ===

Company Name:BARTLETT CHEMICALS

Address:4955 RIVER ROAD

Box:10710

City:JEFFERSON

State:LA

ZIP:70121

Country:US

Info Phone Num:504-734-1971

Emergency Phone Num:504-734-1971

CAGE:1V771

=== C

Contractor Identification ===

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Phone:504-734-1971

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===== Composition/Information on Ingredients =====

Ingred Name:SODIUM STANNATE, TRIHYDRATE (% OBTAINED FROM TOTAL ITEM  
RECORD)

CAS:12209-98-2

Fraction by Wt: >91%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:2 MG/M3 (TIN)

ACGIH TLV:2 MG/M3 (TIN)

===== Hazards Identification =====

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Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: INHALATION MAY CAUSE  
RESPIRATORY TRACT IRRITATION. LOW HAZARD POTENTIAL. CHRONIC:  
STANNOSIS. A BENIGN PNEUMOCONIOSIS.  
Effects of Overexposure:EYES: MECHANICAL IRRITATION. SKIN: SOLUTION MAY  
CAUSE IRRITATION. INHALATION: IRRITATION OF NOSE AND THROAT.  
INGESTION: EXTREMELY LARGE DOSAGES MAY PRODUCE GASTROINTESTINAL  
DISTURBA  
NCES, NAUSEA, VOMIT ING, ABDOMINAL SPASMS.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== First Aid Measures =====

First Aid:EYES: FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. IF  
IRRITATION PERSISTS, SEE DOCTOR. SKIN: WASH WITH SOAP AND WATER. IF  
IRRITATION PERSISTS, SEE DOCTOR. INHALATION: REMOVE TO FRESH AIR.  
GIVE CPR/OXYGEN IF NEEDED. SEE DOCTOR. INGESTION: DRINK LARGE  
AMOUNT OF WATER. SEE DOCTOR.

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===== Fire Fighting Measures =====

Flash Point:NONE  
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE OR DRY CHEMICAL.  
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A  
FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED  
CONTAINERS WITH WATER SPRAY.  
Unusual Fire/Explosion Hazard:NOT CONSIDERED TO BE AN EXPLOSION HAZARD.

===== Accidental Release Measures =====

Spill Release Procedures:VENTILATE.  
CLEAN UP USING METHODS THAT AVOID  
DUST GENERATION SUCH AS VACUUM, WET DUST MOP OR WET CLEAN UP AND  
PLACE IN APPROPRIATE DISPOSAL CONTAINER AND COVER. IF DUST IS  
GENERATED USE NIOSH/MSHA APPR OVED RESPIRATOR WITH DUST CARTRIDGE.

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED  
AREA. PROTECT FROM PHYSICAL DAMAGE. SEPARATE FROM ACIDS. KEEP  
CONTAINERS TIGHTLY CLOSED.  
Other Precautions:PERIOD

IC MEDICAL EXAMINATIONS ARE RECOMMENDED FOR  
INDIVIDUALS REGULARLY EXPOSED TO DUST OR MIST.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:USE NIOSH/MSHA-APPROVED RESPIRATOR WITH DUST  
CARTRIDGE IF TLV IS EXCEEDED.

Ventilation:LOCAL EXHAUST RECOMMENDED TO MAINTAIN EXPOSURE LEVEL BELOW  
TLV.

Protective Gloves:PROTECTIVE GLOVES.

Eye Protection:SAFETY GLASSES W/SIDE SHIELD OR GOGGLES.

Other Protective Equipment:WORK CLOTHES.

Work Hygienic Pract

ices:WASH THOROUGHLY AFTER HANDLING. DO NOT SHAKE  
CLOTHING. REMOVE DUST BY WASHING OR VACUUMING. DO NOT WEAR CONTACT  
LENSES.

Supplemental Safety and Health  
NONE.

===== Physical/Chemical Properties =====

HCC:T6

Melt/Freeze Pt:M.P/F.P Text:284F,140C

Solubility in Water:61.3G/100G WATER@68F

Appearance and Odor:WHITE TO OFF-WHITE CRYSTALLINE POWDER, HAVING A  
SLIGHT YELLOW CAST.

===== Stability and Reactivity Data =====

Stability I

ndicator/Materials to Avoid:NO  
ACIDS.

Stability Condition to Avoid:SLOWLY DECOMPOSES IN AIR TO OXIDE. AVOID  
MOISTURE AND EXPOSURE TO AIR.

Hazardous Decomposition Products:SODIUM AND TIN OXIDES.

===== Disposal Considerations =====

Waste Disposal Methods:NOTIFY YOUR LOCAL ENVIRONMENTAL OFFICER. KEEP IN  
COVERED CONTAINERS PENDING DISPOSAL. DISPOSE OF IN ACCORDANCE WITH  
FEDERAL, STATE AND LOCAL REGULATIONS.

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