

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 ===

Company Name:BARTLETT CHEMICALS

Address:4955 RIVER ROAD

Box:10710

City:JEFFERSON

State:LA

ZIP:70121

Country:US

Phone:504-734-1971

CAGE:1V771

=====
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
=====

=====

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.

=====
===== 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.

Disclaimer (provided with this information by

the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.