

SENSIDYNE INC -- AIR FLOW INDICATOR TUBES -- 6680-01-192-6553

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

Product ID: AIR FLOW INDICATOR TUBES

MSDS Date: 03/01/1998

FSC: 6680

NIIN: 01-192-6553

Status Code: A

MSDS Number: CJFPB

=== Responsible Party ===

Company Name: SENSIDYNE INC

Address: 16333 BAY VISTA DR

City: CLEARWATER

State: FL

ZIP: 34620

Country: US

Info Phone Num: 800-451-9444/813-530-3602

Emergency Phone Num

: 800-451-9444

Resp. Party Other MSDS Num.: 0501

CAGE: 63882

=== Contractor Identification ===

Company Name: SENSIDYNE INC

Address: 16333 BAY VISTA DR

Box: City: CLEARWATER

State: FL

ZIP: 34620

Country: US

Phone: 800-451-9444/813-530-3602

Contract Num: DLA120-86-M-ES06

CAGE: 63882

Company Name: SENSIDYNE INC

Address: 16333 BAY VISTA DR

Box: City: CLEARWATER

State: FL

ZIP: 34620

Country: US

Phone: 800-451-9444/813-530-3602

Contract Num: SP0200-98-M-6801

CAGE: 63882

Company Name: SENSIDYNE INC

Address: 16333 BAY VISTA DR

Box:City:CLEARWATER  
State:FL  
ZIP:34620  
Country:US  
Phone:800-451-9444/813-530-3602  
Contract Num:SP0200-98-M-A435  
CAGE:63882  
Company Name:SENSIDYNE INC  
Address:16333 BAY VISTA DR  
Box:City:CLEARWATER  
State:FL  
ZIP:34620  
Country:US  
Phone:800-451-9444/813-530-3602  
Contract Num:SP0200-98-M-B553  
CAGE:63882

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

Ingred Name:STANNIC CHLORIDE  
CAS:7646-78-8  
RTECS #:XB8750000  
= Wt:100.

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Health Hazards Acute and Chronic:THE HYDROGEN CHLORIDE (HCL) FORMED ON  
ACTIVATION IS CORROSIVE TO ALL HUMAN TISSUE. PROLONGED INHALATION  
OF GAS CONCENTRATIONS MODERATELY ABOVE THE TLV CAN DAMAGE THE TEETH  
& NASAL PASSAGES. INHALATION OF HIGHER CONCENTRATIONS FOR A SHORT  
PERIOD OF TIME CAN CAUSE CHOKING & COUGHING, AND PRODUCE SEVERE  
IRRITATION & DAMAGE TO THE  
MUCOUS MEMBRANES OF UPPER RESPIRATORY  
TRACT. THE NIOSH-RECOMMENDED IDLH LEVEL IS 100 PPM. HCL CAN CAUSE  
SEVERE IRRITATION & TISSUE BURNS. IF DEEPLY INHALED, PULMONARY  
EDEMA MAY OCCUR. THE EMITTED TIN COMPOUND IS ALSO AN IRRITANT TO  
EYES, SKIN & MUCOUS MEMBRANES.  
Explanation of Carcinogenicity:NONE SPECIFIED BY MANUFACTURER.  
Effects of Overexposure:INHALED-CHOKING, COUGHING, IRRITATION. SKIN/EYE  
IRRITATION.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.



ctive Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

SAFETY GLOVES ARE NOT NECESSARY FOR NORMAL USE, ALTHOUGH SKIN CONTACT WITH HCl AND THE BROKEN GLASS TUBES SHOULD BE AVOIDED.

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

HCC:N1

Boiling Pt:=-85.C, -121.F

Vapor Pres:41.6@20C

Solubility in Water:37% BY WEIGHT @ RT

Appearance and Odor:HYDROGEN CHLORIDE IS A COLORLESS GAS WITH PUNGENT

ODOR

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

Stability Indicator/Materials to Avoid:YES

INCOMPATIBLE MATERIALS INCLUDE ALKALINES, METAL OXIDES, METALS.

Stability Condition to Avoid:HCL IS A STABLE COMPOUND. IT DOES NOT

UNDERGO HAZARDOUS POLYMERIZATION, HOWEVER, HCL CAN CATALYZE SOME POLYMERIZATIONS OF OTHER COMPOUNDS.

Hazardous Decomposition Products:WHEN HEATED TO DECOMPOISTION, THE SMOKE TUBES WILL EMIT CHLORIDE FUME.

Conditions to Avoid Polymerizatio

n:HCL CAN CATALYZE SOME

POLYMERIZATIONS OF OTHER COMPOUNDS.

===== Toxicological Information =====

Toxicological Information:NONE SPECIFIED BY MANUFACTURER.

===== Ecological Information =====

Ecological:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods:SOAK USED TUBES IN WATER AND NEUTRALIZE WATER WITH SODIUM CARBONATE OR EQUIVALENT ALKALINE SUBSTAN

CE. DISPOSE OF

TUBES VIA LANDFILL. CONSULT LOCAL AUTHORITIES TO ASURE COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS FOR SMALL SCALE DISPOSAL OF TIN COMPOUNDS.

=====  
MSDS Transport Information  
=====

Transport Information:NONE SPECIFIED BY MANUFACTURER.

=====  
Regulatory Information  
=====

SARA Title III Information:NONE SPECIFIED BY MANUFACTURER.

Federal Regulatory Information:NONE SPECIFIED BY MANUFACTURER.

State Regulatory Information:NONE SPECIFIED BY MANUFACTURER.

=====  
Other Information  
=====

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.