

NATIONAL DRAEGER INC -- AIR CURRENT TUBES -- 6640-01-272-4529

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

Product ID: AIR CURRENT TUBES

MSDS Date: 09/01/1992

FSC: 6640

NIIN: 01-272-4529

MSDS Number: BTCJY

=== Responsible Party ===

Company Name: NATIONAL DRAEGER INC

Address: 101 TECHNOLOGY DR

City: PITTSBURGH

State: PA

ZIP: 15275

Country: US

Info Phone Num: 412-787-8389/412-787-2207 FAX

Emergency Phone Num: 412-787-838

9

CAGE: 53833

=== Contractor Identification ===

Company Name: NATIONAL DRAEGER INC

Address: 101 TECHNOLOGY DRIVE

Box: City: PITTSBURGH

State: PA

ZIP: 15372

Country: US

Phone: 412-787-8383 OR 412-787-8389

CAGE: 53833

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

Ingred Name: SULFURIC ACID, FUMING (OLEUM)

CAS: 8014-95-7

RTECS #: WS5605000

Fraction by Wt: 65%

OSHA PEL: 1 MG/CUM

ACGIH TLV: 1 MG/CUM

EPA Rpt Qty: 1000 LBS

DOT Rpt Qty: 1000 LBS

===== Hazards Identification ==

=====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHALATION: IRRITATING TO THROAT &  
MUCOUS MEMBRANES. SKIN: IRRITANT, CORROSIVE. EYES: IRRITANT,  
CORROSIVE. INGESTION: CORROSIVE.  
Explanation of Carcinogenicity:NONE

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

First Aid:INHALATION: REMOVE FROM EXPOSURE AREA TO FRESH AIR. SKIN:  
REMOVE CONTAMINATED  
CLOTHING IMMEDIATELY AND WASH AFFECTED AREA  
W/SOAP/DETERGENT & LARGE AMOUNTS OF WATER. EYES: WASH IMMEDIATELY  
W/PLENTY OF WATER OR NORMAL-SALINE SOLUTION. INGESTION: GET  
MEDICAL ATTENTION IMMEDIATELY. TREATMENT SHOULD BE PERFORMED BY  
QUALIFIED MEDICAL PERSONNEL. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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

Flash Point:NON-COMBUSTIBLE  
Extinguishing Media:EXTINGUISHER WHICH IS APPROPRIATE FOR SURROUNDING  
FIRE.  
Fire Fighting Procedures:WEAR SCBA & PROTECTIVE CLOTHING TO PREVENT  
CONTACT W/SKIN & EYES.  
Unusual Fire/Explosion Hazard:NEGLIGIBLE FIRE HAZARD WHEN EXPOSED TO  
HEAT/FLAME.

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

Spill Release Procedures:DON'T TOUCH SPILLED MATERIAL. COVER W/AN INERT  
ABSORBENT, COLLECT W/ABSORBENT MATERIAL & CONTAIN FOR WASTE  
DISPOSAL. DILUTE TUBE CONTENTS W/WATER/BAKING SODA.

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

Handling and Storage Precautions:CONTENTS ARE CORROSIVE. DON'T ALLOW  
THE TUBES TO FALL INTO HANDS OF CHILDREN.  
Other Precautions:DRAEGER AIR CURRENT TUBES ARE NOT RECOMMENDED FOR  
QUALITATIVE MASK-FIT TESTING. OPENTUBES SHOULD BE CAPPED & STORED  
IN A WELL V ENTILATED AREA UNTIL THEY ARE DISPOSED OF OR COMPLETELY  
USED.

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

Ventilation:PROVEDE GENERAL VENTILATION.  
Protective Gloves:RECOMMENDED  
Eye Protection:

GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHING, SAFETY SHOWER, EYEWASH STATION.

Work Hygienic Practices:AVOID CONTACT W/SHARP, BROKEN ENDS OF OPENED TUBES.

Supplemental Safety and Health

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

Solubility in Water:EXTREMELY HYGROSCOPI

Appearance and Odor:COLORLESS/DARK BROWN SOLID. PRODUCES WHITE MIST GIVING THE APPEARANCE OF SMOKE

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

Stability In

dicator/Materials to Avoid:YES

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

Waste Disposal Methods:DILUTE CONTENTS W/WATER. ADDITION OF BAKING SODA WILL NEUTRALIZE CHEMICALS.

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 li

ability 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.