

NATIONAL DRAEGER INC -- PN:CH21101-1 DETECTOR TUBES -- 6665-01-010-7962

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

Product ID:PN:CH21101-1 DETECTOR TUBES

MSDS Date:02/27/1985

FSC:6665

NIIN:01-010-7962

MSDS Number: CBTCL

=== Responsible Party ===

Company Name:NATIONAL DRAEGER INC

Address:101 TECHNOLOGY DRIVE

City:PITTSBURGH

State:PA

ZIP:15372

Country:US

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

Emergency

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

Preparer's Name:EDWARD G. LIGUS

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:HERMETICALLY SEALED GLASS TUBE (TYPICALLY 125MMX7MM)

Other REC Limits:NONE RECOMMENDED

Ingred Name:INERT CARRIER MATERIAL (SUCH AS SILICALGE
L OR PUMICE)

Other REC Limits:NONE RECOMMENDED

Ingred Name:CHEMICAL(S)/REAGENT

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NP

Health Hazards Acute and Chronic:PER LETTER FROM E.G.LIGUS (NAT DRAEGER
INC) TO JOHN B. MILES JR,DIR,DIRECTORATE OF FIELD OPERATIONS(DEPT
OF LABOR,OSHA):"DETECTOR TUBE CONTAINS AN INERT CARRIER MATERIAL
SUCH AS SILICALGE OR PUMICE WHICH HAS BEEN IMPREGNATED
W/CHEM(S).AMT OF CH

EM/REAGENT REQUIRED FOR 1 TUBE IS IN THE RANGE
OF MICROGRAMS TO (SUPPLEMEN)

Explanation of Carcinogenicity:NP

Effects of Overexposure:NP

Medical Cond Aggravated by Exposure:NP

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

First Aid:NP

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

Flash Point:NP

Lower Limits:NP

Upper Limits:NP

Extinguishing Media:NP

Fire Fighting Procedures:NP

Unusual Fire/Explosion Hazard:NP

===== Accidental Re
lease Measures =====

Spill Release Procedures:NP

Neutralizing Agent:NP

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

Handling and Storage Precautions:NP

Other Precautions:PER E.G. LIGUS LETTER:DETECTOR TUBES USED IN VAR
INDUSTRIES FOR MONITORING LEVELS OF TOXIC/COMBUST
GAS/VAP.HERMETICALLY SEALED GLASS TUBE,TYP 125MMX7MM CONTAINS INERT
CARRIER MATL SUCH AS SILICAGEL/PU MICE IMPREGNATED W/CHEM(S).(HYG
PRACT)

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

Respiratory Protection:NP

Ventilation:NP

Protective Gloves:NP

Eye Protection:NP

Other Protective Equipment:NP

Work Hygienic Practices:OTHER PREC:AMT OF CHEM/REAGENT REQUIRED FOR 1
TUBE IS IN RANGE OF MICROGRAM TO MILLIGRMAS;MINUTE COMPARE TO
CARRIER AMT"

Supplemental Safety and Health

HEALTH HAZ:MG;MINUTE AMT COMPARED TO AMT OF REAGENT CARRIER.DETECTOR
TUBE MFG ITEM & REQUEST EXEMPTION FROM HAZ COMM FINAL RULE."PER
LETTER FROM J.B. MILES,JR TO

E.G. LIGUS:"A DETECTOR TUBE WOULD BE EXEMPTED FROM REQMTS OF HCS UNDER PARA (B)(5)(IV) AS AN ARTICLE."

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

HCC:N1
Boiling Pt:B.P. Text:NP
Melt/Freeze Pt:M.P/F.P Text:NP
Decomp Temp:Decomp Text:NP
Vapor Pres:NP
Vapor Density:NP
Spec Gravity:NP
pH:NP
Viscosity:NP
Evaporation Rate & Reference:NP
Solubility in Water:NP
Appearance and Odor:ARTICLE.
Percent Volatiles by Volume:NP
Corrosion Rate:NP

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

NP
Stability Condition to Avoid:NP
Hazardous Decomposition Products:NP

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

Waste Disposal Methods:NP

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.