

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 SELAED GLASS TUBE (TYPICALLY 125MMX7MM)

Other REC Limits:NONE RECOMMENDED

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

Other REC Limits:NONE RECOMMENDED

Ingred Name:CHEM

ICAL(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 SILICALGEL OR PUMICE WHICH HAS BEEN IMPREGNATED W/CHEM(S).AMT OF CHEM/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 Release 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
Ve
ntilation: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 E XEMPTED FROM REQMTS O

F 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

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