

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

Emerge

ncy 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 SILICA

LGEL 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 SILICAGEL OR PUMICE WH ICH 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 Contro
ls/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

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