

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

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Product Identification  
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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

Emergenc

y 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

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

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Composition/Information on Ingredients  
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Ingred Name:HERMETICALLY SELAED GLASS TUBE (TYPICALLY 125MMX7MM)

Other REC Limits:NONE RECOMMENDED

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

Other REC Limits:NONE RECOMMENDED

Ingred Name:CHEMICAL(S)/REAGENT

Other REC Limits:NONE RECOMMENDED

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Hazards Identification  
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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 C

HEM/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

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First Aid Measures  
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First Aid:NP

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Fire Fighting Measures  
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Flash Point:NP

Lower Limits:NP

Upper Limits:NP

Extinguishing Media:NP

Fire Fighting Procedures:NP

Unusual Fire/Explosion Hazard:NP

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Accidental R  
elease Measures  
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Spill Release Procedures:NP

Neutralizing Agent:NP

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Handling and Storage  
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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)

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Exposure Controls  
/Personal Protection  
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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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