

NATIONAL DRAEGER INC -- CH3001-1;TEST FOR NO*2 -- 6665-01-153-8828

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

Product ID:CH3001-1;TEST FOR NO*2

MSDS Date:10/24/1994

FSC:6665

NIIN:01-153-8828

MSDS Number: BVHHP

=== Responsible Party ===

Company Name:NATIONAL DRAEGER INC

Address:101 TECHNOLOGY DRIVE

City:PITTSBURGH

State:PA

ZIP:15275

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:DGSC-SHH/HMIS(LEVIEN)

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:IODINE PENTOXIDE

CAS:12029-98-0

Other REC Limits:NONE RECOMMENDED

Ingred Name:SELENIUM DIOXIDE (SARA III)

CAS:7446-08-4

RTECS #:VS8575000

Other

REC Limits:NONE RECOMMENDED
OSHA PEL:0.2 MG(SE)/M3
ACGIH TLV:0.2 MG(SE)/M3; 9394
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:SULFURIC ACID (SARA III)
CAS:7664-93-9
RTECS #:WS5600000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3; 9394
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards

Acute and Chronic:ARTICLE.THE HAZARDOUS INGREDIENT IS
SULFURIC ACID,ADSORBED ONTO THE BEADS INSIDE OF THE GLASS
TUBE.EYES:MAY CAUSE IRRITATION OR BURNS.SKIN:MAY CAUSE IRRITATION
OR BURNS.INHAL:MAY CAUSE RESPIRATORY IRR ITATION.INGEST:MAY CAUSE
GI TRACT IRRITATION.

Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1%
WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.

Effects of Overexposure:BURNS OR IRRITATION.

Medical Cond Aggravated by Exposure:UNLIKELY T
O AGGRIVATE EXISTING
CONDITIONS.

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

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND
WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH
AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:DO NOT
INDUCE VOMITING. GET PROMPT QUALIFIED MEDICAL ATTENTION.

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

Flash Point:NONE
Extinguishing Media:USE MEDIA APPROPRIATE

FOR SURROUNDING FIRE.
Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND
FULL PROTECTIVE EQUIPMENT.
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:SWEEP OR VACUUM SOLIDS;PLACE IN AN APPROPRIATE
CONTAINER FOR DISPOSAL.
Neutralizing Agent:SODIUM CARBONATE/SODIUM BISULFITE

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

Handling and Storage Precautions:STORE IN A COOL
,DRY,WELL-VENTILATED
PLACE.KEEP CONTAINER CLOSED WHEN NOT IN USE.AVOID PHYSICAL DAMAGE
TO THE TUBE.
Other Precautions:DO NOT TOUCH THE BEADS.

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

Respiratory Protection:NOT NEEDED IN NORMAL SERVICE.
Ventilation:NOT NEEDED IN NORMAL SERVICE.
Protective Gloves:CHEMICALLY RESISTANT
Eye Protection:SAFETY GLASSES
Other Protective Equipment:NONE
Work Hygienic Practices:USE REASONABLE CARE IN HANDLING THIS PRODUCT.
Supplemental S
afety and Health
MSDS PREPARED BY SHH USING DRAEGER DISPOSAL DATA.

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

HCC:N1
Appearance and Odor:GLASS TUBE FILLED WITH SMALL BEADS

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

Stability Indicator/Materials to Avoid:YES
NONE IN NORMAL SERVICE.
Stability Condition to Avoid:NONE IN NORMAL SERVICE.AVOID PHYSICAL
DAMAGE TO TUBE.

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

Waste

Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND
LOCAL REGULATIONS.

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