

ENVIRONMENTAL TECHNOLOGIES GROUP INC -- INDIVIDUAL CHEMICAL AGENT DETECTOR, H
SIMULANT COMPONENT -- 6665-01-340-1693

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

Product ID:INDIVIDUAL CHEMICAL AGENT DETECTOR, H SIMULANT COMPONENT

MSDS Date:07/14/1993

FSC:6665

NIIN:01-340-1693

Kit Part:Y

MSDS Number: BYHBH

=== Responsible Party ===

Company Name:ENVIRONMENTAL TECHNOLOGIES GROUP INC

Address:1400 TAYLOR AVE

Box

:9840

City:BALTIMORE

State:MD

ZIP:21284-9840

Country:US

Info Phone Num:410-321-5100 OR 410-321-5105

Emergency Phone Num:410-321-5100 OR 410-321-5105

CAGE:23667

=== Contractor Identification ===

Company Name:ENVIRONMENTAL TECHNOLOGIES GROUP INC

Address:1400 TAYLOR AVE

Box:9840

City:BALTIMORE

State:MD

ZIP:21284-9840

Country:US

Phone:301-321-5200

CAGE:23667

===== Composition/Information on Ingredients =====

Ingred Name:PROPYLENE CARBONATE

CAS:108-32-7

RTECS #:FF9650000

Other REC

Limits:NONE RECOMMENDED

Ingred Name:ETHYL SULFIDE

Other REC Limits:NONE RECOMMENDED

=====**Hazards Identification**=====

LD50 LC50 Mixture:PRODUCT'S LD50 (ORAL RAT) WAS NOT STATED

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:*RELEASE OF CHEMICALS, ICAD ACTIVATION & SENSOR MODULE RUPTURE* ACUTE-EYE, SKIN ABSORPTION, INTOXICATION EFFECT. CHRONIC-NOT APPLICABL

E DUE TO VOLUME. *NORMAL ICAD

OPERATIONS* NO HEALTH EFFECTS, ACUTE OR CHRONIC.

Explanation of Carcinogenicity:MANUFACTURER GAVE NO INFORMATION ABOUT CARCINOGENICITY. HMIS FOUND NO LISTING & DOES NOT EXPECT IT TO BE CARCINOGENIC.

Effects of Overexposure:*RELEASE OF CHEMICALS, ICAD ACTIVATION & SENSOR MODULE RUPTURE* INTOXICATION EFFECT, EYE & MUCOUS MEMBRANE IRRITATION, BLURRED VISION. *NORMAL ICAD OPERATIONS* NO SYMPTOMS.

Medical Cond Aggravated by Exposure:*RELEASE OF CHEMICALS, ICAD

ACTIVATION & SENSOR MODULE RUPTURE* COPD (ASTHMA, EMPHYSEMA, TB, BRONCHITIS). *NORMAL ICAD OPERATIONS* NONE.

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

First Aid:EYE:WASH W/RUNNING WATER FOR MINIMUM OF 30 MIN. & SEEK MEDICAL ATTENTION. SKIN:WASH W/RUNNING WATER FOR A MINIMUM OF 30 MIN. INHALATION:MOVE TO VENTILATED AREA (AWAY FROM SOURCE OF EXPOSURE) - START OXYGEN THERAPY (IF NEEDED). INGESTION:DILUTE W/LARGE QUANTITIES OF NEUTRALIZING SOLUTIONS (WATER, MILK).

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

Flash Point:55.4F,13.0C

Extinguishing Media:CARBON DIOXIDE, WATER, DRY CHEMICAL, POLYMER FOAM

Fire Fighting Procedures:MFR GAVE NO INFORMATION ON MSDS.

Unusual Fire/Explosion Hazard:MFR GAVE NO INFORMATION ON MSDS.

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

Spill Release Procedures:MFR GAVE NO INFORMATION ON MSDS.

Neutralizing Agent:MFR GAVE NO INFORMATION ON MSDS.

=====
Handling and Storage
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Handling and Storage Precautions:STORE MATERIALS IN TEMPERATE WAREHOUSE ENVIRONMENT TO ENSURE PRODUCT INTEGRITY - MAINTAIN FEDERAL VENTILATORY STANDARDS FOR WAREHOUSE CONDITIONS.

Other Precautions:INITIAL ACTIVATION OF ICAD SHOULD BE PERFORMED IN AN OPENLY VENTILATED ENVIRONMENT TO ENSURE PERSONNEL SAFETY. (USE I/A/W ICAD USER MANUAL.)

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Exposure Controls/Personal Protection
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Respira

tory Protection:NONE REQUIRED (USE I/A/W ICAD USER MANUAL.)

Ventilation:MFR GAVE NO INFORMATION ON MSDS.

Protective Gloves:NONE REQUIRED,USE I/A/W ICAD USER MANUAL

Eye Protection:NONE REQUIRED,USE I/A/W ICAD USER MANUAL

Other Protective Equipment:MFR GAVE NO INFORMATION ON MSDS.

Work Hygienic Practices:MFR GAVE NO INFORMATION ON MSDS.

Supplemental Safety and Health

NONE

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Physical/Chemical Properties
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HCC:F2

NRC/State Lic Num:NONE

Boiling Pt.=180.C, 356.F

B

.P. Text:356F, 180C

Spec Gravity:1.18

Evaporation Rate & Reference:N/A (CARBON TET = 1)

Solubility in Water:SLIGHTLY SOLUBLE

Appearance and Odor:COLORLESS LIQUID, FOUL STENCH

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES

MFR GAVE NO INFORMATION ON MSDS.

Stability Condition to Avoid:STRONG OXIDIZING & REDUCING AGENTS

Hazardous Decomposition Products:MFR GAVE NO INFORMATION ON MSDS.

Conditions to Avoid Polymerization:MFR GAVE N

O INFORMATION ON MSDS.

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

Waste Disposal Methods:DISPOSE I/A/W FEDERAL, STATE & LOCAL REGULATIONS. (REFER TO 40CFR FOR GUIDANCE.)

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