

CT - GAS LEAK DETECTOR
Not the kind But do have

MATERIAL SAFETY DATA SHEET

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APR 20 1990

MSDS PREPARED BY----- OHIS, Inc.,
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Frederick, MD 21701

PREPARATION DATE----- November 15, 1989

PRODUCT NAME----- GAS LEAK DETECTOR

SECTION I - INGREDIENTS

Substances listed in the Ingredients Section are those identified as being present at a concentration of 1% or greater, or 0.1% if the substance is on the list of potential carcinogens cited in the OSHA Hazard Communication Standard.

PRODUCT DESCRIPTION----- Propylene glycol
Tetrapotassium pyrophosphate
Dodecyl benzene sulfonate
Coco diethanolamide
Diethanolamine (1%)
Water
Additives

HAZARDOUS INGREDIENTS ---- Diethanolamine
EXPOSURE LIMIT (TLV)----- 3 ppm (ACGIH)

SECTION II - PHYSICAL DATA

BOILING POINT-----	Not determined
VAPOR PRESSURE-----	Not determined
VAPOR DENSITY (Air = 1)---	Not determined
SPECIFIC GRAVITY-----	Not determined
SOLUBILITY IN WATER-----	Completely soluble
MELTING POINT-----	Not determined
EVAP. RATE (Ether = 1)----	> 1
APPEARANCE AND ODOR-----	Clear red liquid with a faint pine scent

SECTION III - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT----- None

FLAMMABLE LIMITS (% By Volume)

LFL----- Not applicable
UFL----- Not applicable

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SECTION III - FIRE AND EXPLOSION HAZARD DATA (Continued)	
EXTINGUISHING MEDIA-----	This material is not flammable. Use extinguishers appropriate for sulfur dioxide, "Acidic". foam, dry chemical.
SPECIAL FIRE FIGHTING PROCEDURES-----	Fire fighters should wear full protective clothing and self-contained breathing apparatus.
UNUSUAL FIRE AND EXPLOSION HAZARDS---	None
SECTION IV - REACTIVITY DATA	STABILITY----- Stable under normal storage conditions.
CONDITONS TO AVOID-----	High temperature
INCOMPATIBILITY-----	Strong oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCTS	Carbon monoxide, nitrogen dioxide, thermal decomposition products, carbon dioxide, etc. (thermal compounds, carbon monoxide, nitrogen dioxide, etc.)
HAZARDOUS POLYMERIZATION-----	None
SECTION V - HAZARD DATA	ROUTE(S) OF ENTRY----- Inhalation, ingestion
HEALTH HAZARDS (ACUTE)	EYES----- Contact with the liquid can irritate the eyes.
SKIN-----	Contact with the liquid can irritate the skin.
INHALATION-----	Excessive inhalation can irritate the nose, throat and lungs and cause dizziness, weakness, fatigue and nausea.
INGESTION-----	Ingestion of large quantities may cause nausea, vomiting and diarrhea.
SKIN ABSORPTION-----	Some components of this material may be absorbed through the skin but hazards during a single prolonged exposure.
HEALTH HAZARDS (CHRONIC)---	No known chronic effects from exposure by skin contact or inhalation.

SECTION V - HEALTH HAZARD DATA

CARCINOGENICITY

NTP?----- No
IARC Monographs?---- No
OSHA Regulated?---- No

Components of this product are not known to cause cancer.

SECTION VI - EMERGENCY AND FIRST AID PROCEDURES

- EYE CONTACT----- Immediately rinse with large amounts of water for at least 15 minutes, occasionally lifting upper and lower lids. Obtain medical attention promptly.
- SKIN CONTACT----- Remove contaminated clothing. Wash contaminated skin with soap and water. Launder contaminated clothing before reuse. Obtain medical attention if irritation persists.
- INHALATION----- Remove to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm and quiet. Obtain medical attention immediately.
- INGESTION----- Dilute by giving water. Do not induce vomiting. Do not give fluids to an unconscious person. Keep person warm and quiet. Obtain medical attention immediately.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED-- Absorb with inert solids and shovel into containers suitable for transport and disposal. Do not flush to sewer.

WASTE DISPOSAL METHOD----- Landfill contaminated solids at approved sites. Dispose in accordance with Federal, State, and Local regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE--- Store in closed containers in a cool, well ventilated place. Avoid skin and eye contact. Do not ingest.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION---- If TLV of diethanolamine is exceeded, a NIOSH/MSHA approved respirator is advised.

VENTILATION

LOCAL EXHAUST----- Provide sufficient ventilation to maintain exposure below the TLV.

MECHANICAL----- Recommended

PROTECTIVE GLOVES----- Yes

EYE PROTECTION----- Face shield or goggles

SKIN PROTECTION----- Apron and long sleeves

OTHER PROTECTIVE CLOTHING OR EQUIPMENT--- Safety shower and eye wash station.

SECTION IX - DISCLAIMER

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