

MATERIAL SAFETY DATA SHEET

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SECTION I - PRODUCT IDENTIFICATION

Product Name: Gas & Air Leak Detector
Product Number: 17-363
D.O.T. Shipping Name: NA
D.O.T. Hazard Class: NA

H.M.I.S. Rating Scale
0= Minimal 3= Serious
1= Slight 4=Severe
2=Moderate

Component

Cas. No.

Exposure Limits, PPM
OSHA PEL ACGIH TLV OTHER LIMIT

Ethylene glycol

107-21-1

50

Hazard Rating:
Health: 2
Fire: 1
Reactivity: 0
Special:

SECTION II - EMERGENCY AND FIRST AID

Inhalation Remove to fresh air. Give oxygen or artificial respiration if not breathing and contact physician immediately.
Eye Contact Flush eyes with lots of water for 15 minutes, lifting upper and lower lids occasionally. Seek medical attention if irritation occurs.
Skin Contact Wash with soap and water. Remove contaminated clothing and wash before re-use. If irritation occurs, get medical attention.
Ingestion Wash out mouth with water. Do not induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person.
Get immediate medical attention.

Other:

SECTION III - PHYSICAL DATA

Boiling Point: ND
Melting Point: NA
Specific Gravity (Water=1): 1.04
Appearance/Odor: Clear, Pink liquid, mild odor
Vapor Pressure, MM HG/20 DEG, C: 0.06
Vapor Density, (Air=1): 1.10
Water Solubility, %: 100
Evaporation Rate (Butyl Acetate=1): 0.01

SECTION IV - FIRE AND EXPLOSION DATA

Flash Point, DEG. F: 302°F
Flammable Limits In Air, %:
Method Used: TCC
Lower: ND Upper: ND
Extinguishing Media: Water spray, dry chemical or foam.

Special Fire Fighting Procedures: Fire fighters should wear self contained breathing apparatus and full protective clothing.

Unusual Fire and Explosion Hazards: If heated or in a fire, container may burst.

SECTION V - REACTIVITY DATA

Stability: Stable
Conditions To Avoid: Heat, sparks and open flames.
Materials To Avoid: Strong oxidizing agents.
Hazardous Decomposition Products: CO₂, CO
Polymerization: Will not occur.

SECTION VI - HEALTH HAZARD INFORMATION

Primary Routes of Exposure: Skin, eye and inhalation.
Signs & Symptoms of Exposure
Inhalation: Prolonged or repeated exposure to vapors can irritate lungs, liver, or kidneys
Eye Contact: Liquid, vapor or mist can irritate eyes
Skin Contact: No known acute hazards.
Swallowed: Abdominal pain, dizziness, and lumbar pain. CNS depression and kidney dysfunction.
Chronic Effects of Exposure: Prolonged or repeated exposure may cause loss of appetite, liver, kidney, or neural dysfunction.
Medical Conditions generally aggravated by Exposure: Pre-existing skin, eye or respiratory disorders or impaired kidney dysfunction.
Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated: No

SECTION VII - SPILL, LEAK AND DISPOSAL PROCEDURES

For Spills or Leakage: Mop or wipe up and place in DOT-approved container for proper disposal

Disposal Methods: In accordance with state, local and federal regulations.

SECTION VIII - SPECIAL PRECAUTIONS

Handling and Storage Precautions: Store in cool, dry, well-ventilated location away from incompatible material. Keep container tightly closed when not in use.
Other Precautions: Do not get in eyes, or on skin and clothing. Keep away from heat, sparks or open flame. Use appropriate containment to avoid environmental contamination.

SECTION IX - SPECIAL PROTECTION

Ventilation: Mechanical exhaust capable of maintaining emissions at the point of use below the TLV.
Respiratory Protection: If use conditions vapors or mists, wear NIOSH approved respirator.
Eye Protection: Chemical goggles.
Protective Clothing: Rubber gloves and rubber apron.
Other Protective Measures: Eyewash station and safety shower

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