

MATERIAL SAFETY DATA SHEET**2359****SECTION 1 CHEMICAL PRODUCT AND COMPANY INFORMATION**

MSDS REC'D by Trane February 28, 2001

Product Name: ServiceFirst Leak Detector

Date Prepared Feb. 28, 2001

Product Number(s): CHM00014

Replaces Jul. 08, 1997

Product Use: Leak tracing compound

Company Name: North American Research Corporation
P.O. Box 1318
Lewisville, TX 75067

Telephone Numbers: (972) 492-1800, (800) 527-7520, Fax (972) 394-6755

Emergencies: Infotrac (800) 535-5053 (24 hours, everyday)

SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

OSHA Hazardous Components (29 CFR 1910.1200):

	CAS Registry No.	OSHA PEL	ACGIH TLV	Other Limits	% (Optional)
Ethanol	64-17-5	1000 ppm	1000 ppm	None known	< 20
Methanol	67-56-1	200 ppm	200 ppm	250 ppm	< 0.5

SECTION 3 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

CAUTION! May be irritating to the eyes and skin.

POTENTIAL HEALTH EFFECTS

EYE CONTACT: May cause eye irritation.

SKIN CONTACT: Frequent or prolonged contact may irritate the skin and cause a skin rash (dermatitis).

INHALATION: Not expected to be an inhalation hazard during normal use. Excessive inhalation of vapors may cause, intentional or accidental, may cause dizziness, drowsiness, or disturbance of vision.

INGESTION: May be irritating to the mouth, throat, and stomach.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

May exacerbate existing dermatitis.

CARCINOGENICITY: NTP? No IARC Monographs? No OSHA Regulated? No

SECTION 4 FIRST-AID MEASURES

EYE CONTACT:

Wash eyes immediately with large amounts of water (preferably eye wash fountain), lifting the upper and lower eyelids and rotating eyeball. Continue washing for a minimum of 15 minutes. Get medical attention if irritation persists.

SKIN CONTACT:

Remove contaminated clothing. Wash contact area with soap and water. Get medical attention if irritation develops or persists. Launder clothing before reuse.

INHALATION:

Move person to fresh air. If breathing stops, administer artificial respiration. Get medical attention immediately.

INGESTION:

If patient is fully conscious, give two glasses of water and induce vomiting. Obtain medical attention without delay. If medical advice is delayed and patient has swallowed a large amount, then give 3 to 4 ounces of hard liquor, such as whiskey. For children, give proportionately less liquor, according to weight.

SECTION 5 FIRE-FIGHTING MEASURES

FLASHPOINT: 171°F METHOD: PMCC

FLAMMABLE LIMITS: LEL: Not determined UEL: Not determined

AUTOIGNITION TEMP: Not determined

FIRE EXTINGUISHING MEDIA:

Water spray, CO2, dry chemical, or any class B extinguishing agent.

SPECIAL INFORMATION:

As in any fire, wear full protective clothing and NIOSH approved, self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Contain liquid to prevent contamination of soil, surface water or ground water. Clean up residual with non-combustible absorbent material and wash with water. Collect material in suitable and properly labeled containers.

SECTION 7 STORAGE AND HANDLING

HANDLING:

Avoid skin and eye contact. Wash thoroughly after handling, before eating or drinking, and before using the restroom.

STORAGE:

Store in closed, properly labeled, original containers. Do not remove or deface label or tag.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE CONTROLS:

No special ventilation requirements for normal use.

PERSONAL PROTECTION:

Wear safety glasses with side shields. Wear protective gloves if excessive contact is possible. While spray mist is not expected in normal use, use mask for inhalation protection if spray mist occurs.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Fluorescent yellow, viscous liquid. Alcohol odor.

SPECIFIC GRAVITY: 0.97

VAPOR PRESSURE: Not determined

VAPOR DENSITY: Not determined

SOLUBILITY IN WATER: Complete

pH: 6.5

BOILING POINT: 190°F (Approximate)

FREEZING POINT: 0°F

EVAPORATION RATE (Butyl Acetate = 1): Not determined

SECTION 10 STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: None known.

INCOMPATIBILITY (Materials to Avoid): None known.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

SECTION 11 TOXICOLOGICAL INFORMATION

No information available.

SECTION 12 ECOLOGICAL INFORMATION

No information available.

SECTION 13 DISPOSAL CONSIDERATIONS

Dispose of container and unused contents in accordance with federal, state and local requirements.

SECTION 14 TRANSPORT INFORMATION

U.S. Department of Transportation:

Not regulated.

SECTION 15 REGULATORY INFORMATION

TSCA: All components of this product are listed on the TSCA inventory.

CERCLA: Methanol (67-56-1)

SARA TITLE III:

Section 311/312 Hazard Category: Acute: No Chronic: No Fire: Yes Pressure: No Reactive Hazard: No

Section 313 Reportable Ingredients: Methanol (67-56-1)

SECTION 16 OTHER INFORMATION

NFPA RATING: Health – 1, Flammability – 2, Reactivity – 0

HMIS[®] RATING: Health – 1, Flammability – 2, Reactivity – 0

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