

200 Yellow Place · Rockledge, FL 32955

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MATERIAL SAFETY DATA SHEET

PREPARATION DATE: 01/20/2005
REVISION DATE: 01/20/2005 REV. 0

SECTION 1 – PRODUCT & COMPANY INFORMATION

PRODUCT NAME: QwikDetect-ND
PRODUCT NO.: QT4500
DESCRIPTION: Natural Draft Furnace Leak Detector
USE: Leak Detector Spray
APPEARANCE: Light yellow fluid

MANUFACTURER: Mainstream Engineering Corp.
200 Yellow Place
Rockledge, Florida 32955

INFORMATION TELEPHONE: 321-631-3550
EMERGENCY TELEPHONE: 321-631-3550

SECTION 2 – PRODUCT COMPOSITION INFORMATION

COMPONENT*	% BY WEIGHT
Flame colorant	6-7%
Additives	<1%
Water	balance

* TRADE SECRET - PROPRIETARY FORMULA. Specific chemical identities are withheld as a trade secret under the provisions of OSHA hazard communication standard 29 CFR 1910.1200.

SECTION 3 – HAZARDS IDENTIFICATION

EXPOSURE LIMITS: None established by OSHA, ACGIH, or UCC for other major constituents.

RATINGS:

Health Rating: 1 - Slight
Flammability Rating: 1 - Slight
Reactivity Rating: 1 - Slight
Contact Rating: 1 - Slight
Lab Protective Equip: GOGGLES; GLOVES; LAB COAT

PRECAUTIONARY STATEMENTS:

Causes eye burns.
Harmful if swallowed.
Causes skin irritation.

POTENTIAL HEALTH EFFECTS:

Eye: Contact may cause mild irritation, redness, and pain.
Skin: Prolonged contact may cause skin irritation.

Ingestion: Large oral doses may cause gastrointestinal disturbances. If ingested, drink several glasses of water to dilute.

Inhalation: High concentrations of mist may cause coughing and sneezing.

SECTION 4 - EFFECTS OF OVEREXPOSURE

No adverse effects of overexposure anticipated from available information. A knowledge of the available toxicity information and of the physical and chemical properties of the material suggests that overexposure is unlikely to aggravate existing medical conditions.

SECTION 5 - EMERGENCY & FIRST-AID PROCEDURES

SKIN: Remove contaminated clothing. Wash exposed area with soap and water. Obtain medical attention if irritation persists. Launder clothing before reuse.

EYES: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. DO NOT remove contact lenses, if worn. Get medical aid immediately, preferably from an ophthalmologist.

INGESTION: Give two glasses of fresh water. Obtain medical attention.

INHALATION: If symptoms develop, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep at rest.

NOTES TO PHYSICIAN: There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient. Any material aspirated during vomiting may cause lung injury. Therefore, emesis should not be induced mechanically or pharmacologically. If it is considered necessary to evacuate the stomach contents, this should be done by means least likely to cause aspiration (e.g., gastric lavage after endotracheal intubation).

SECTION 6 - PHYSICAL AND CHEMICAL DATA

PHYSICAL STATE: Liquid

APPEARANCE: Lt. yellow

ODOR: None

pH: approx. 8

BOILING POINT: approx. 100°C

VAPOR PRESSURE: negligible

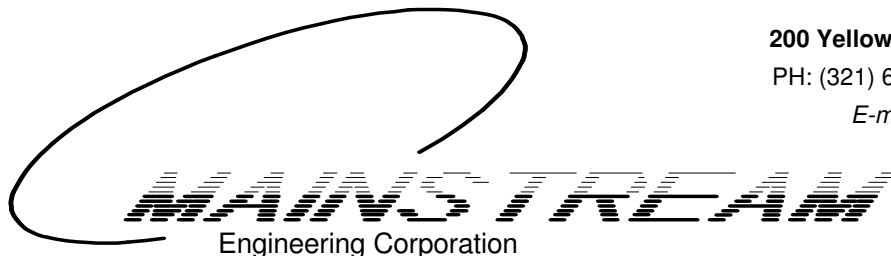
SPECIFIC GRAVITY (WATER = 1): approx. 1

PERCENT VOLATILES: negligible

EVAPORATION RATE: similar to water

FREEZING POINT: approx. 0°C

SECTION 7 – STABILITY AND REACTIVITY DATA



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CHEMICAL STABILITY: Stable under ordinary conditions of use and storage.

CONDITIONS TO AVOID: Prolonged heat (may generate carbon dioxide), incompatibles

INCOMPATIBILITIES WITH OTHER MATERIALS: Reacts with acids to form carbon dioxide. Dangerous reaction with monoammonium phosphate or a sodium-potassium alloy.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 8 - FIRE AND EXPLOSION INFORMATION

EXPLOSION: Not considered to be an explosion hazard.

FIRE: Not considered to be a fire hazard.

HAZARDOUS DECOMPOSITION PRODUCTS: Excessive heating can produce carbon dioxide. Carbon dioxide in sufficient concentrations can act as an asphyxiant.

EXTINGUISHING MEDIA: Use any means suitable for extinguishing surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES: Use protective clothing and breathing equipment appropriate for the surrounding fire

SECTION 9 - HANDLING, STORAGE, AND DISPOSAL

SPILLS/LEAKS: Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Absorb spill or leak on sand or vermiculite and place in closed container for disposal. Ventilate area and wash spill site after material pickup is complete.

HANDLING: Avoid contact with eyes, skin, and clothing. Wash thoroughly and immediately after skin exposure or wear gloves. Avoid ingestion and inhalation.

STORAGE: Store in accordance with good industrial practices away from heat and acids. Best to be stored between about 60 and 90 F.

DISPOSAL: Dispose of in a manner consistent with federal, state, and local regulations. Empty containers should be recycled or disposed of through an approved waste management facility.

SECTION 10 - TOXICOLOGICAL INFORMATION

LD50:

Oral rat LD50, 69 g/kg, Estimated from diluted ingredients: (approximately 1 quart of product)

CARCINOGENICITY: Not known or anticipated to be a carcinogen.

REPRODUCTIVE EFFECTS: Investigated as a mutagen, reproductive effector.

ENVIRONMENTAL FATE/ECOTOXICITY: No information found.

SECTION 11 - ADDITIONAL INFORMATION

EPA TSCA: All ingredients listed on the TSCA Inventory or are exempt from TSCA Inventory requirements.

FEDERAL//STATE//LOCAL REGULATIONS: Dispose of container and unused contents in accordance with federal, state and local requirements.

DOT: The chemicals and/or the quantities in this product are not regulated by DOT.

The information contained herein is believed to be accurate and is offered in good faith. The above information is, in part, based on material safety data sheets supplied by the vendors of the raw materials used in this product. Because product use is beyond our control, no warranty is given, expressed, or implied. Mainstream Engineering Corporation cannot assume any liability for the use of information contained herein or from damage resulting from handling or contact with the above product. To determine applicability or effect of any law or regulation with respect to the product, users should consult a legal advisor or appropriate governmental agency.