

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

Product name: MASTERS LEAK DETECTOR

Product use: Leak detector

Chemical family: Mixture

Supplier name and address :

G.F. THOMPSON CO. LTD.
620 Steven Court, Unit 11
Newmarket, Ontario
L3Y 6Z2

Manufacturer name and address :

Refer to supplier

Emergency Phone #: (905) 898-2557

WHMIS CLASS: D2B

SECTION II - HAZARDOUS INGREDIENTS

<u>Ingredients</u>	<u>CAS #</u>	<u>% (wt/wt)</u>	<u>LC50 ppm (Rat, inh.)</u>	<u>LD50 mg/kg (Rat, oral)</u>
1,2-Propanediol	57-55-6	40-60	n/av	2000
Hydroxyethyl cellulose	9004-62-0	0.1-1	n/av	n/av
Nonyl phenol ethoxylate	n/av	1-2	n/av	n/av
Dipotassium phosphate	7758-11-4	1-3	n/av	n/av

SECTION III - PHYSICAL DATA

Physical State: Liquid

Odour and appearance: Colorless liquid, odourless.

Odour threshold: n/av

Specific gravity: n/av

Coefficient of water/oil distribution: n/av

Vapour pressure (mm Hg): n/av

Boiling point: n/av

Freezing point: n/av

pH: n/av

Vapour density (Air = 1): n/av

Evaporation rate (BuAc = 1) : n/av

Volatiles, %: n/av

Solubility in water: Complete

VOC: 499.6g/l, 47.9%

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SECTION IV - FIRE AND EXPLOSION DATA

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Conditions of flammability: Will not burn.

Means of extinction: As appropriate for surrounding materials.

Sensitivity to mechanical impact/static discharge: Not susceptible to mechanical impact or static discharge.

Flash point (Method): n/ap

Upper flammable limit %: n/ap

Lower flammable limit %: n/ap

Auto-ignition temperature: n/ap

Special fire fighting procedures: Standard firemen' body protection and self-contained breathing apparatus are recommended.

Hazardous combustion products: Refer to "Hazardous Decomposition Products"

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SECTION V - REACTIVITY DATA

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Stability: Stable. Hazardous polymerization will not occur.

Incompatible materials: Can react with oxidizing agents such as peroxides, nitrates, chlorine, perchlorates.

Conditions of reactivity: Stable under normal conditions of pressure and temperature. Avoid excessive heat.

Hazardous decomposition products: Burning may release toxic or suffocating gases, such as carbon monoxide and carbon dioxide.

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SECTION VI - TOXICOLOGICAL PROPERTIES

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*** Routes of exposure and acute/chronic effects ***

Exposure limit (ACGIH-TWA): Not established.

Inhalation : Inhalation exposure is not likely to cause adverse effects.

Skin : Skin exposure is not likely to result in absorption of harmful amounts. Repeated exposure may cause slight flaking, tenderness and softening of skin.

Eyes : Product can irritate the eyes and cause a slight burning sensation or discharge.

Ingestion : Specific information not available. Probably can cause abdominal pain, nausea, vomiting, diarrhoea, and depression of nervous system.

Chronic effects : None known.

Carcinogenicity: None of the ingredients of this product is listed by IARC or ACGIH as carcinogen.

Reproductive effects, Teratogenicity, Mutagenicity: None known.

Name of Toxicologically Synergistic Products: n/av

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SECTION VII FIRST AID

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Inhalation : Remove source of contamination or move victim to fresh air. If breathing has stopped, properly trained personnel should begin artificial respiration or cardio-pulmonary resuscitation (CPR) immediately.

Obtain medical attention immediately.

Eyes : Immediately flush eyes with lukewarm water, gently flowing water for 20 minutes, by the clock, holding the eyelid(s) open. Obtain medical attention immediately.

Skin : Flush contaminated area with lukewarm, gently running water. If irritation persists, repeat flushing. Obtain medical attention immediately.

Ingestion : DO NOT INDUCE VOMITING. Rinse mouth thoroughly with water. Have victim drink water. Consult a physician or the nearest Poison Control Centre for all exposures except minor instances of inhalation or skin contact.

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SECTION VIII - PREVENTIVE MEASURES

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Spill, leak or release : Stop release and recover liquid or soak up with absorbent material.

Waste disposal : Dispose of in accordance with federal, provincial and local regulations.

***** PROTECTIVE EQUIPMENT *****

Respiratory protection : None required for normal use.

Ventilation : General ventilation.

Protective gloves : If prolonged skin contact is likely, use impervious gloves.

Eye protection : None required for normal use.

Other protective equipment : None.

***** STORAGE & HANDLING *****

Storage and handling conditions : Handling: Avoid eye contact. Avoid prolonged or repeated skin contact. Wash thoroughly after handling. Keep away from incompatibles.

Storage: Store in a cool, well-ventilated area. Keep away from incompatibles.

Special Shipping Information: TDG - Not regulated

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Additional notes or references :

Abbreviations :

n/av : not available

n/ap : not applicable

IARC : International Agency for Research on Cancer

ACGIH : American Conference of Governmental Industrial Hygienists

TLV : Threshold Limit Values

NIOSH: National Institute of Occupational Safety and Health

TDG : Transportation of Dangerous Goods Act

References :

1. ACGIH, Threshold Limit Values and Biological Exposure Indices for 1995-96.

2. International Agency for Research on Cancer Monographs, Supplement 7, 1988.

3. N. Irving Sax. Dangerous Properties of Industrial Materials, Seventh Edition.

4. Canadian Centre for Occupational Health and Safety. Cheminfo Database.

5. N. Irving Sax, Richard J. Lewis, Sr. Hawley's Condensed Chemical Dictionary, Eleventh Edition.

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SECTION IX PREPARATION INFORMATION

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Prepared by : G.F. THOMPSON CO., LTD.

Telephone # : 905-898-2557

Preparation date : December 01, 2009

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