

ENVIROSAFE CHEMICALS CANADA

MATERIAL SAFETY DATA SHEET

SECTION 1-PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER: Smoke Test

PRODUCT IDENTIFICATION Classification 2.1
UN NUMBER (PIN) 1950

PRODUCT USE: Smoke detector Tester

Manufacturers Name: EnviroSAFE Chemicals Canada

Address: PO Box 1792 - 10011 Thatcher Avenue

City: North Battleford Province: SK Postal Code: S9A 3W8 Tel: 306-446-0505

SECTION 2-HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS NUMBER	LD50 OF INGREDIENT (SPECIFY SPECIES AND ROUTE)	LC OF INGREDIENT (SPECIFY SPECIES)	TLV (ACGIH)
Petroleum Hydrocarbons	10-30	64742-67-2	Not available	Not available	5mg/m2
Propane	30-40	74-98-6	Not available	Not available	1000ppm
Isobutane	30-40	75-28-5	Not available	>520.000ppm 2hr inhale mouse	800ppm

SECTION 3-PHYSICAL DATA

PHYSICAL STATE: Aerosol liquid ODOUR AND APPEARANCE: clear color hydrocarbon odor ODOUR THRESHOLD (PPM): Not available

VAPOUR PRESSURE: 60-70 @20°C (mm Hg) VAPOUR DENSITY: Greater than 1 (AIR=1) EVAPORATION RATE: Greater than 1

BOILING POINT (°C)/°F 98-110 FREEZING POINT (°): Not available pH: Not available

SPECIFIC GRAVITY: 0.70-0.74 COEFF. WATER/OIL DIST.: Not available

SECTION 4-FIRE AND EXPLOSION DATA

FLAMMABILITY: Yes IF YES UNDER WHICH CONDITION? Flammable aerosol, excessive heat

MEANS OF EXTINCTION: Water spray, dry chemicals carbon dioxide of alcohol foam FLASHPOINT: (°C) tag closeup -7 aerosol flame protection classified as >45cm

UPPER FLAMMABLE LIMIT (% BY VOLUME): °C 9.5 LOWER FLAMMABLE LIMIT (% BY VOLUME): °C 0.6

AUTOIGNITION TEMPERATURE (°C): >200 HAZARDOUS COMBUSTION PRODUCTS: Carbon dioxide carbon monoxide and acrolein. Hydrocarbon fumes and smoke

EXPLOSION DATA SENSITIVITY TO IMPACT: Not available SENSITIVITY TO STATIC DISCHARGE: Not available

SECTION 5 REACTIVITY DATA

CHEMICAL STABILITY: Stable under normal conditions

IF NO UNDER WHICH CONDITION?

INCOMPATIBILITY WITH OTHER SUBSTANCES: Strong oxidizing agents

REACTIVITY, AND UNDER WHAT CONDITIONS: Not available

HAZARDOUS DECOMPOSITION PRODUCTS: Gases such as carbon dioxide, carbon monoxide and acrolein.

All ingredients of this product are either on the domestic substance list (DSL) or exempt. All ingredients are on the TSCA inventory or are not required to be listed.

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SECTION 6-TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY:

SKIN: x SKIN ABSORPTION: EYE CONTACT: x INHALATION: x INGESTION:

EFFECTS OF ACUTE EXPOSURE TO PRODUCT: Eyes-high vapour concentrations may cause irritation. Skin may cause drying. Dizziness,nausea.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: Prolonged or repeated skin contact may cause cracking or irritation, inhalation may cause drowsiness and irritation. Solvents may cause defatting dermatitis

EXPOSURE LIMITS: See section II IRRITANCY OF PRODUCT: Eye, skin, inhalation, may cause irritation, slight

SENSITIZATION OF PRODUCT: Not available

CARCINOGENICITY: This product has not been listed as carcinogens by the National Toxicology program (NTP) not regulated as carcinogens by OSHA

TERATOGENCITY: None known

REPRODUCTIVE TOXICITY: None known

MUTAGENICITY: None known

SYNERGISTIC PRODUCTS: None known

SECTION 7-PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES: Solvent resistant for prolonged use RESPIRATOR: Not normally required with aerosol EYE: Safety goggles

FOOTWEAR: None required CLOTHING: None required OTHER:

ENGINEERING CONTROL (SPECIFY, EG. VENTILATION ENCLOSED PROCESS): Use mechanical means to keep concentration below TLV

LEAK AND SPILL PRODUCE: Remove sources of ignition, ventilate, absorb with absorbent, place in closed container. Ventilate area, prevent from entering a watercourse

WASTE DISPOSAL: Dispose of in accordance with local, provincial and Federal regulations.

HANDLING PROCEDURES AND EQUIPMENT: Not applicable Do not puncture or incinerate containers.

STORAGE REQUIREMENTS: Cool dry area, do not store above 49°C Keep away from heat.

SPECIAL SHIPPING INFORMATION: Label as "Consumer Commodity" WHMIS class A,B5,CNFC section 3.3.5 level 3 NFPA code 30B level 3.

SECTION 8-FIRST AID MEASURES

EYE: Flush for 15 minutes with large amounts of water, call a physician

SKIN: Wash affected area with soap and water

INHALATION: Remove to fresh air, apply artificial respiration if necessary.

INGESTION: Do not induce vomiting, call physician or poison control centre

PRODUCT IDENTIFICATION: Smoke Test**SECTION 9-ADDITIONAL INFORMATION**

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the Information required by the CPR.

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SECTION 10-PREPARATION DATE OF MSDS

PREPARED BY: ENVIROSAFE TECHNICAL DEPT. PHONE NUMBER: 306-446-0505 DATE: February 1, 2016

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E-Mail-info@envirosafechem.com

Web Site-www.envirosafechem.com

Fax-1-306-446-0515