

Material Safety Data Sheet

Magic Lamp® ; Mitey Lite® ; Liquid Wax Cartridge® ; Spheres

SECTION 1 - IDENTIFICATION AND EMERGENCY INFORMATION

PRODUCT NAME: Magic Lamp ® ; Mitey Lite ®; Liquid Wax Cartridge Item # ML0837-36 ; # ML0840-36 ; # ML0834 -36 ; #ML0820-72 ; #ML0812-144 ; Spheres

PRODUCT DESCRIPTION: Disposable Lamps and Liquid Wax Cartridge **PRODUCT APPEARANCE AND ODOR:** Clear water-white, oily liquid, essentially odorless **GENERAL USE:** Used in lamps, is a smokeless, clean burning disposable liquid wax cartridge. **CAS NUMBER:** Mixture

Scientific Utility Brands International, Inc.
1673 Richmond Street, Suite 110 London,
ON, Canada N6G 2N3 Tel: 519-472-1441
Fax 519 -657-8622 e-mail:
info@scientificutility.com

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENTS	CAS NO. OF COMPONENTS	APPROXIMATE
White Mineral Oil	8042-47-5	70%

SECTION 3 - HAZARDS IDENTIFICATION

PRECAUTIONARY LABELING: Poisonous – Keep Away From Children **EYE CONTACT:** Eye irritant upon direct contact. **SKIN CONTACT:** May cause skin irritation or dermatitis upon prolonged contact. Normal care and personal hygiene should prevent skin effects. **INGESTION:** May cause significant gastrointestinal distress. Aspiration of this material directly into the lungs or vomiting after ingestion may cause severe lung damage and possibly death. **INHALATION:** Not a likely route of exposure.

SECTION 4 - FIRST AID MEASURES

EYE CONTACT: Remove contact lenses, then flush with clear water for 15 minutes or until irritation subside. If pain or redness persists after flushing, seek medical attention immediately. **SKIN CONTACT:** Immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash or dry clean clothing before reuse. If skin irritation persists seek medical attention immediately. **INHALATION:** Remove to fresh air. If breathing is irregular or has stopped, administer artificial respiration, seek medical attention immediately. **INGESTION:** **DO NOT INDUCE VOMITING** -seek medical attention immediately.

SECTION 5 - FIRE FIGHTING MEASURES FLASH POINT: 121°C / 250°F AUTO

IGNITION: 216°C / 420°F **FLAMMABLE LIMITS OR EXPLOSIVE LIMITS:** (approx. % vol. in air) – LEL: 0.5%, UEL: 7.0% **FIRE AND EXPLOSION HAZARDS:** Slightly combustible. OSHA/NFPA class-IIIB combustible liquid. When heated above its flash point, this material will release flammable vapors, which can burn in the open or be explosive in confined spaces if exposed to an ignition source mists or sprays may be flammable at temperatures below the normal flash point. Keep away from extreme heat and open flame.

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)-HAZARD IDENTIFICATION

Health Flammability Reactivity BASIS: 1 1 0 Recommended by Manufacturer **EXTINGUISHING MEDIA:** Foam, water spray (fog), dry chemical, CO2.

FIRE FIGHTING INSTRUCTIONS: For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment. This may include self-contained breathing apparatus (SCBA) to protect against the hazardous effects of combustion products and oxygen deficiencies. If fire, firefighters cannot work upwind to the fire, respiratory protective equipment must be worn. Cool tanks and containers exposed to fire with water. Burning liquid will float on water. Notify appropriate authorities if liquid enters sewer/waterways.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

RELEASE OR SPILL OF MATERIAL: Evacuate the area and eliminate all sources of ignition. Contain spill with suitable absorbent material.

SECTION 7 - HANDLING AND STORAGE

HANDLING PRECAUTIONS: Keep product away from ignition sources, such as heat, sparks, pilot lights, static electricity, and open flames. **STORAGE:** Ambient, above freezing point. Product will freeze at 8°C **SPECIAL PRECAUTIONS:** Do not use electronic devices (including but not limited to cellular phones, computers, calculators, pagers, etc.) in or around any fueling operation or storage area unless the devices are certified "EMPTY" CONTAINER WARNING: "Empty" containers retain residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE such containers to HEAT, FLAME, SPARKS, STATIC ELECTRICITY, or other sources of ignition as they could explode and cause injury or death. Do not attempt to refill or clean containers since residue is difficult to remove. Empty drums should be completely drained, properly bunged, and promptly returned to a drum reconditioned. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMIT FOR TOTAL PRODUCT: Manufacturer recommends an 8-hour time-weighted average (TWA) of 5 mg/m³ for exposure to mists of this product. **BASIS:** Recommended by Manufacturer. **SKIN PROTECTION:** Normal conditions skin protection is not needed. **EYE PROTECTION:** Normal conditions eye protection is not needed. **PERSONAL HYGIENE:** Avoid prolonged or repeated contact with skin. Remove contaminated clothing; launder or dry-clean before re-use. Remove contaminated shoes and thoroughly clean and dry before re-use. Wash skin thoroughly with soap and water after contact, before breaks and meals, and at the end of work period. Product is readily removed from skin by using waterless hand cleaners followed by washing thoroughly with soap and water. **EXPOSURE GUIDELINES:** No exposure limits have been established for this product.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Liquid **VAPOR PRESSURE:** 0.05 mmHg @ 20°C **COLOR:** Water-white, oily **BOILING RANGE:** 254 - 283°C 490 - 542°F **ODOR:** Mild Hydrocarbon **SPECIFIC GRAVITY:** 0.828 g/ml 60°F **VAPOR DENSITY (Air = 1):** 7 - 8 **FREEZING POINT:** 46°F (8°C) **SOLUBILITY IN WATER:** Negligible **VISCOSITY:** 2.5 - 2.7 cSt @ 40°C 104°F **MELTING POINT/RANGE:** 8 - 10°C 48 - 50°F

SECTION 10 - STABILITY AND REACTIVITY

STABILITY: Stable **CONDITIONS TO AVOID:** Keep away from heat and sources of ignition. **INCOMPATIBILITY:** Oxidizing agents. **HAZARDOUS DECOMPOSITION PRODUCTS:** Hazardous gases and vapors produced in fire are oxides of carbon. **HAZARDOUS POLYMERIZATION:** Stable

SECTION 11 - TOXICOLOGICAL INFORMATION

No information on product is available at this time.

SECTION 12 - ECOLOGICAL INFORMATION

No information on product is available at this time.

SECTION 13 - DISPOSAL CONSIDERATIONS WASTE CODE: Any unused product or empty containers may be disposed of as non-hazardous in accordance with state and federal requirements. Re-evaluation of the product may be required by the user at the time of disposal, since the product uses, transformations, mixtures, contamination, and spillage may change the classification. If the resulting material is determined to be hazardous, please dispose in accordance with state and federal (40 CFR 262) hazardous waste regulations. **DISPOSAL:** To dispose of properly place empty bottle in a standard trash receptacle. **Note:** The purchaser is responsible for proper waste disposal of empty, partial, or full bottles. Any disposal practice must be in compliance with local, state, and federal laws and regulations (contact local or state environmental agency for specific rules).

SECTION 14 - TRANSPORTATION AND LABEL INFORMATION

U.S. /Canada –TDG/DOT: NOT REGULATED BY USA / Canada DOT; DOT ERG No.: NA (This product is not hazardous according to DOT regulations for ground transportation. **IATA:** This product is not a dangerous good as defined by IATA for air transportation **IMDG:** This product is not a dangerous good as defined by IMO in the IMDG Code for water transportation

SECTION 15 - REGULATORY INFORMATION

The following information may be useful in complying with various state and federal laws and regulations under various environmental statutes:

US OSHA HAZARD COMMUNICATION STANDARD: Product assessed in accordance with OSHA 29 CFR 1910.1200 and determined no to be hazardous.

TSCA Inventory Listing:

Components CAS-No.

White Mineral Oil 8042-47-5

Alkanes, C14-16

90622-46-1

SARA 302 Status: Components

CAS-No. Weight %

Contains no chemicals subject to SARA 302 reporting.

Other Classification: CAS-No.

SARA 311/312 Classification:

Components CAS-No. Weight %

Non-hazardous

WHIMIS (Canada): Not controlled under WHIMIS (Canada)

CERCLA Hazardous Substance:

Components CERCLA RQ Weight %

Contains no chemicals subject to CERCLA.

PRODUCT LABELING INFORMATION: Remove plastic child safety cap from liquid wax cartridge. Place cartridge in lamp or on a flat surface. Light cartridge by applying lit match or butane lighter to wick at top of Magic Lamp® liquid wax cartridge. Warning: Do not readjust or tamper with the wick. This could cause serious injury or fire hazard. **DO NOT REFILL CARTRIDGE.** To extinguish blow out flame. **SAFETY PHRASES:** Keep out of the reach of children. Replace child safety cap after use

OTHER INFORMATION

The information and recommendations contained herein are to the best of Scientific Utility Brands International, Inc's knowledge and belief, accurate and reliable as of the date issued. Scientific Utility Brands International, Inc. does not warrant or guarantee their accuracy or reliability, and Scientific Utility Brands International shall not be liable for any loss or damage arising out of the use thereof. The information and recommendations are offered for the user's consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for their particular use.

The Hazardous Materials Identification System (HMIS) and National Fire Protection Association (NFPA) ratings have been included by Scientific Utility Brands International, Inc. in order provide additional health and hazard classification information. The ratings recommended are based upon the criteria supplied by the developers of these ratings systems, together with Scientific Utility Brands International, Inc. interpretation of the available data.

Scientific Utility Brands International, Inc.

Date of issue: February 1, 2016