

MATERIAL SAFETY DATA SHEET

SECTION 1 — PRODUCT IDENTIFICATION AND USE

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| PRODUCT IDENTIFIER | ▶ FABRIKEM® LIQUID SMOKE REMOVER (STAIN REMOVER TYPE S) | PRODUCT IDENTIFICATION NUMBER (PIN) | |
| PRODUCT USE | ▶ Soot removal from concrete & masonry | | |
| MANUFACTURER'S NAME | FABRIKEM MANUFACTURING LTD. | SUPPLIER'S NAME | |
| STREET ADDRESS | 20361 Duncan Way | STREET ADDRESS | |
| CITY | Langley | PROVINCE | B.C. |
| POSTAL CODE | V3A 7N3 | EMERGENCY PHONE NO. | (604) 532-3883 |
| POSTAL CODE | | EMERGENCY PHONE NO. | |

SECTION 2 — HAZARDOUS INGREDIENTS

| HAZARDOUS INGREDIENTS | % (W/W) | CAS NUMBER | LD ₅₀ OF INGREDIENT | LC ₅₀ OF INGREDIENT |
|---------------------------------|---------|------------|--------------------------------|--------------------------------|
| Sodium Metasilicate | 3 - 10 | 7732-18-5 | 622 mg/kg (Rat/Oral) | Not Available |
| Ethylene Glycol Monobutyl Ether | 3 - 10 | 111-76-2 | 470 mg/kg (Rat/Oral) | 450 ppm (Rat/Inhalation/4hr.) |
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SECTION 3 — PHYSICAL DATA

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| PHYSICAL STATE | Liquid | ODOUR AND APPEARANCE | Mild odour, colourless liquid | ODOUR THRESHOLD (ppm) | 1-35 ppm |
| VAPOUR PRESSURE (mm Hg) | 0.88 @ 25°C | VAPOUR DENSITY (AIR = 1) | 4.1 | EVAPORATION RATE (nBuAc = 1) | < 1 |
| | | | | BOILING POINT (°C) | > 100 |
| | | | | FREEZING POINT (°C) | < 0 |
| pH | 13 | SPECIFIC GRAVITY | 1.1 | COEFFICIENT OF WATER/OIL DISTRIBUTION | No Data |
| | | | | WHMIS CLASSIFICATION | D2b; E |

SECTION 4 — FIRE AND EXPLOSION DATA

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| FLAMMABILITY | YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> IF YES, UNDER WHAT CONDITIONS? ▶ | | | | |
| MEANS OF EXTINCTION | Use media for surrounding fire | | | | |
| FLASHPOINT (°C) AND METHOD | Not Applicable | UPPER FLAMMABLE LIMIT (% BY VOLUME) | Not Applicable | LOWER FLAMMABLE LIMIT (% BY VOLUME) | Not Applicable |
| AUTOIGNITION TEMPERATURE (°C) | Not Available | HAZARDOUS COMBUSTION PRODUCTS | None | | |
| EXPLOSION DATA | ▶ SENSITIVITY TO IMPACT | No | SENSITIVITY TO STATIC DISCHARGE | No | |

SECTION 5 — REACTIVITY DATA

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| CHEMICAL STABILITY | YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF NO, UNDER WHICH CONDITIONS? ▶ |
| INCOMPATIBILITY WITH OTHER SUBSTANCES | Strong acids and strong oxidizing agents |
| | YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF SO, WHICH ONES? ▶ |
| REACTIVITY, AND UNDER WHAT CONDITIONS | No. |
| HAZARDOUS DECOMPOSITION MATERIALS | Oxides of carbon, oxides of sulphur or sodium. |

PRODUCT IDENTIFIER ► FABRIKEM® LIQUID SMOKE REMOVER (STAIN REMOVER TYPE S)

SECTION 6 – TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY SKIN CONTACT SKIN ABSORPTION EYE CONTACT INHALATION INGESTION

EFFECTS OF ACUTE EXPOSURE TO PRODUCT May cause eye, skin, or respiratory tract irritation and corneal injury; inhalation and ingestion may cause nausea, headaches, or gastrointestinal irritation.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT Eye, skin, or respiratory tract irritation.

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| EXPOSURE LIMITS (TLV) 25 ppm on skin | IRRITANCY OF PRODUCT EYES: severe irritant. SKIN: moderate irritant. INHALATION: respiratory irritant. | SENSITIZATION OF PRODUCT Not available | CARCINOGENICITY No Data |
| TERATOGENICITY No Data | REPRODUCTIVE TOXICITY Not suspected | MUTAGENICITY No Data | SYNERGISTIC PRODUCTS No Data |

SECTION 7 – PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

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| GLOVES Impervious rubber | RESPIRATOR Chemical respirator if good ventilation impossible. | EYE PROTECTION Safety Goggles |
| FOOTWEAR Impervious | CLOTHING Impervious | OTHER Accessible eye wash |

ENGINEERING CONTROLS
General room ventilation.

LEAK AND SPILL PROCEDURE
Mop or wipe up small spills (do not allow spill to enter storm sewers or contaminate ground water). Alternative method is to dike spill area, soak up with absorbent material and dispose of in an approved manner.

WASTE DISPOSAL
Review all local, state, and federal regulations concerning health and pollution for appropriate disposal procedures.

HANDLING PROCEDURES AND EQUIPMENT
Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling.

STORAGE REQUIREMENTS
Protect from freezing. Store in a cool dry, well ventilated place away from incompatible substances.

SPECIAL SHIPPING INFORMATION
T.D.G. Classification: NOT REGULATED

SECTION 8 – FIRST AID MEASURES

SPECIFIC MEASURES
EYES: Immediately flush with plenty of water for at least 15 minutes. Obtain prompt medical attention.

SKIN: Remove contaminated clothing and wash before re-use. Thoroughly flush skin with water for 15 minutes. Obtain medical attention if irritation persists.

INHALATION: Remove to fresh air. If breathing is difficult, give oxygen. Administer artificial respiration if not breathing. Obtain medical attention.

INGESTION: Give 5 glasses of water and induce vomiting of conscious person by putting finger down throat. Obtain immediate medical attention.

SECTION 9 – PREPARATION OF MSDS

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| PREPARED BY W.H.M.I.S. Committee | PHONE NUMBER (604) 532-3883 | DATE |
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