



G.K. Chemical Specialties Co. Ltd.  
90 Barbados Blvd.  
Scarborough, Ontario M1J 1K9  
Tel: (416) 261-7182 Fax: (416) 261-5663

# MATERIAL SAFETY DATA SHEET

**PRODUCT NAME:** Magnetic-S.O. Liquid Dust Control

Not regulated by WHMIS

<b>HEALTH HAZARD RATING:</b>	MINIMAL HAZARD – no significant risk to health
<b>FLAMMABILITY HAZARD RATING:</b>	SLIGHT HAZARD – materials that must be preheated before ignition will occur. Flammable liquids in this category will have flash points (the lowest temperature at which ignition will occur) at or above 200 °F. (NFPA Class II and Class IIA)
<b>REACTIVITY HAZARD RATING:</b>	MINIMAL HAZARD – materials which are normally stable, even under fire conditions, and which will not react with water.
<b>PERSONAL PROTECTION:</b>	Safety glasses + Gloves
<b>HAZARD ALERT SIGN:</b>	HEALTH HAZARD – Normal material FIRE HAZARD – REACTIVITY – Stable SPECIFIC HAZARD –

## SECTION I – MATERIAL IDENTIFICATION AND USE / IDENTIFICATION DE LA MATIÈRE ET USAGE

### MATERIAL NAME / IDENTIFIER – NOM / IDENTIFICATION DE LA MATIÈRE

#### Magnetic Dust Control SO

MANUFACTURER'S NAME AND ADDRESS/ NOM DU FABRICANT – ADRESSE EMERGENCY PHONE NO. / N° DE TÉLÉPHONE D'URGENCE	G.K. Chemical Specialties Co. Ltd. 90 Barbados Blvd. Scarborough, Ontario M1J 1K9 (416) 261-7182 / 905 427-7605
SUPPLIER'S NAME AND ADDRESS/ NOM DU FOURNISSEUR - ADRESSE EMERGENCY PHONE NO. / N° DE TELEPHONE DURGENCE	
CHEMICAL NAME / Dénomination chimique	Petroleum Oil
CHEMICAL FAMILY / FAMILLE CHIMIQUE	Not Applicable
CHEMICAL FORMULA / FORMULE CHIMIQUE	Not Applicable
TRADE NAME AND SYNONYMS / APPELLATION COMMERCIALE ET SYNONYMES	Not Applicable
MOLECULAR WEIGHT / POIDS MOLÉCULAIRE	Not Applicable
MATERIAL USE / UTILISATION DE LA MATIÈRE	Dust Control

G.K. Chemical Specialties Co. Ltd. has compiled the information and recommendations contained in this Material Safety Data Sheet from sources believed to be reliable and to represent the most reasonable current opinion on the subject when the MSDS was prepared. Although reasonable precautions have been taken in the preparation of the data contained herein, it is offered solely for your information, consideration and investigation.

G.K. Chemical Specialties Co. Ltd. extends no warranty and assumes no responsibility as to the accuracy of the content or sufficiency of the information and expressly disclaims all liability for reliance thereon. This MSDS provides guidelines for the safe handling of this product. It does not and cannot advise on all possible situations, therefore, your specific use of this product should be evaluated to determine if additional precautions are required. Individuals exposed to this product should read and understand this information and be provided pertinent training prior to working with this product.

G.K. Chemical Specialties Co. Ltd. assumes no responsibility for personal injury or property damage to vendors, users or third parties caused by the material. Such vendors or users assume all risks associated with the use of the material.

**INGREDIENTS.** This MSDS, under section of Ingredients, contains all ingredients listed under INGREDIENT DISCLOSURE LIST P.C. 1987-2719, 20/1/88 CANADA GAZETTE PART II VOL. 122, No 2 of HAZARDOUS PRODUCT ACT.

Percentage range of concentration of ingredients is expressed as percentage by weight of the total weight of the product. Ingredient List does not necessarily list all ingredients in the formulation and does not necessarily list all ingredient range of concentration, other than ingredients under the Disclosure List.

**T.L.V.** (units) or Threshold Limit Values refer to the limiting concentrations recommended by the Ministry of Labour. These values were adopted by the American Conference of Governmental Industrial Hygienists (A.C.G.I.H.). The figures refer to time-weighted average concentrations as P.P.M. (V/V) or mg/m<sup>3</sup> for a normal working day or at any time for some materials.

**“C.A.S REG. No.”** means the identification number assigned to a chemical substance by the Chemical Abstracts Service Division of the American Chemical Society.

**“LC 50”** means the concentration of a substance in air that when administered by means of inhalation over a specified length of time in an animal assay, is expected to cause the death of 50 per cent of a defined animal population.

**“LD 50”** means the single dose of a substance that, when administered by a defined route in an animal assay, is expected to cause death of 50 per cent of a defined animal population.

**FLASH POINT.** The minimum temperature at which a substance gives off flammable vapors which in contact with spark or flame will ignite.

**SECTION II – HAZARDOUS INGREDIENTS OF MATERIAL / INGRÉDIENTS DANGEREUX DE LA MATIÈRE**

HAZARDOUS INGREDIENTS / INGRÉDIENTS DANGEREUX	APPROXIMATE CONCENTRATION % CONCENTRATION APROXIMATIVE %	C.A.S., N.A. OR U.N. NUMBERS / NUMERO CAS NA OU CNU	LD50 {SPECIFY SPECIES & ROUTE} DL50 {PRÉCISER L'ESPECE ET LA VOIE D'ADMINISTRATION}	LC 50 {SPECIFY SPECIES & ROUTE} CL50 {PRÉCISER L'ESPECE ET LA VOIE D'ADMINISTRATION}
Petroleum Oil	< 100	64742-80-9	TLV 5 mg/kg	
Perfume	0.1-0.3	Not Hazardous		

**SECTION III – PHYSICAL DATA FOR MATERIAL / CARACTÉRISTIQUES PHYSIQUES DE LA MATIÈRE**

PHYSICAL STATE / ÉTAT PHYSIQUE	Liquid
ODOUR AND APPEARANCE / ODEUR ET APPARENCE	Clear Purple Liquid, Mild Odour
ODOUR THRESHOLD (P.P.M.) / SEUIL DE L'ODEUR (PPM)	Not Established
SPECIFIC GRAVITY / DENSITÉ RELATIVE	0.83 gm / cm <sup>3</sup>
VAPOUR PRESSURE [MM] / TENSION DE VAPEUR [MM]	Not Established
VAPOUR DENSITY [AIRE = 1] / DENSITÉ DE VAPEUR [AIR =1]	Heavier than Air
EVAPORATION RATE / TAUX D'ÉVAPORATION	Slower than Ether
BOILING POINT [°C] / POINT D'ÉBULLITION [°C]	266 °C
FREEZING POINT [°C] / POINT DE CONGÉLATION [°C]	-1 °C
SOLUBILITY IN WATER [20°C] / SOLUBILITÉ DANS L'EAU [20°C]	Not Soluble
% VOLATILE [BY VOLUME] / % VOLATILITÉ [PAR VOLUME]	100%
PH	Not Applicable
COEFFICIENT OF WATER / OIL DISTRIBUTION / COEFFICIENT DE RÉPARTITION EAU / HUILE	

**SECTION IV – FIRE AND EXPLOSION HAZARD OF MATERIAL/RISQUES D'INCENDIE ET D'EXPLOSION DU MATÉRIEL**

FLAMMABILITY / INFLAMMABILITÉ <u>X</u> YES / OUI __ NO/NON IF YES, UNDER WHICH CONDITIONS? / SI OUI, DANS QUELLES CONDITIONS?	Flame, welding or cutting torch
MEANS OF EXTINCTION / MOYENS D'EXTINCTION	Dry chemical, Carbon dioxide, Water fog or Alcohol foam
SPECIAL PROCEDURES / MARCHE A SUIVRE SPÉCIALE	Wear self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode when fighting fires.
FLASHPOINT [°C] AND METHOD / POINT D'ÉCLAIR [°C] ET MÉTHODE DE DÉTERMINATION	Closed cup 135°C
UPPER EXPLOSION LIMIT [% BY VOLUME]/ SEUIL MAXIMAL D'INFLAMMABILITÉ [% PAR VOLUME]	Not Established

LOWER EXPLOSION LIMIT [% BY VOLUME]/ SEUIL MINIMAL D'INFLAMMABILITÉ [% PAR VOLUME]	Not Established
AUTOIGNITION TEMPERATURE [°C] / TEMPÉRATURE D'AUTO-INFLAMMATION [°C]	Not Established
HAZARDOUS COMBUSTION PRODUCTS / PRODUITS DE COMBUSTION DANGEREUX	May form toxic materials: Carbon Dioxide and Carbon Monoxide, various Hydrocarbons ETC

### EXPLOSION DATA / DONNÉES SUR L'EXPLOSIBILITÉ

SENSITIVITY TO MECHANICAL IMPACT / SENSIBILITÉ AUX CHOCS	Not Applicable
SENSITIVITY TO STATIC DISCHARGE / SENSIBILITÉ AUX DÉCHARGES ÉLECTROSTATIQUES	Not Applicable

### SECTION V – REACTIVITY DATA / DONNÉES SUR LA RĀACTIVITÉ

CHEMICAL STABILITY / STABILITÉ CHIMIQUE <input checked="" type="checkbox"/> YES / OUI <input type="checkbox"/> NO/NON IF NO, UNDER WHICH CONDITIONS? / SI NON-, DANS QUELLES CONDISIONS?	
INCOMPATIBILITY TO OTHER SUBSTANCES / INCOMPATIBILITÉ AVEC D'AUTRES SUBSTANCES <input type="checkbox"/> YES / OUI <input checked="" type="checkbox"/> NO/NON IF SO, WHICH ONES? / SI OUI, AVEC LESQUELLES?	
REACTIVITY AND UNDER WHAT CONDITIONS / RÉACTIVITÉ – DANS QUELLES CONDITIONS?	Not Reactive
HAZARDOUS DECOMPOSITION PRODUCTS / PRODUITS DE DÉCOMPOSITION DANGEREUX	May form toxic materials: Carbon Dioxide and Carbon Monoxide, various Hydrocarbons, ETC.

### SECTION VI –TOXICOLOGICAL PROPERTIES OF MATERIAL / PROPRIÉTÉS TOXICOLOGIQUES DE LA MATIÈRE

#### ROUTE OF ENTRY / VOIE D'ADMINISTRATION

SKIN CONTACT / CONTACT AVEC LA PEAU  SKIN ABSORPTION / ABSORPTION PAR LA PEAU  
 EYE CONTACT / CONTACT OCULAIRE  INHALATION ACUTE / INHALATION AIGUE  
 INHALATION CHRONIC / INHALATION CHRONIQUE  INGESTION

EFFECTS OF ACUTE EXPOSURE TO MATERIAL / EFFETS DE L'EXPOSITION AIGUE A LA MATIERE	EYES: May cause irritation SKIN: May cause irritation BREATHING: May cause discomfort or irritation to nasal and respiratory passages. SWALLOWING: Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL / EFFETS DE L'EXPOSITION CHRONIQUE A LA MATIERE	None known

**MATERIAL NAME / IDENTIFIER - NOM / IDENTIFICATION DE LA MATIÈRE▶**  
**Magnetic Liquid Dust Control S.O.**

<b>LD 50 OF MATERIAL [SPECIFY SPECIES &amp; ROUTE] / LD50 DE LA MATIÈRE [PRÉCISER L'ESPECE ET LA VOIE D'ADMINISTRATION]</b>	LD 50 Acute Oral > 5000 mg/kg
<b>LC50 OF MATERIAL [SPECIFY SPECIES &amp; ROUTE] LC50 DE LA MATIÈRE / [PRÉCISER L'ESPECE ET LA VOIE D'ADMINISTRATION]</b>	Not Established
<b>EXPOSURE [LIMITS] / LIMITS D'EXPOSITION</b>	
<b>IRRITANCY OF MATERIAL/PROPRIÉTÉ IRRITANTE DE LA MATIÈRE</b>	Eyes, skin
<b>SENSITIZATION OF MATERIAL / SENSIBILISATION A LA MATIÈRE</b>	Eyes, skin
<b>SYNERGISTIC MATERIALS / MATÉRES SYNERGIQUES</b>	None Known
<b>CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY / CANCÉROGÉNÉCITÉ, EFFETS NOCIFS SUR LA REPRODUCTION, TÉRATOGÉNÉCITÉ, MUTAGÉNÉCITÉ</b>	None of the ingredients contained in this product are regulated as carcinogens by OSHA.

## **SECTION VII – PREVENTIVES MEASURES / MESURES PRÉVENTIVES**

### **PERSONAL PROTECTIVE EQUIPMENT / MATÉRIEL PERSONNEL DE PROTECTION**

<b>GLOVES (SPECIFY) GANTS [PRÉCISER]</b>	Wear resistant gloves
<b>EYE [SPECIFY] / YEUX [PRÉCISER]</b>	Wear safety glasses
<b>RESPIRATORY (SPECIFY) / APPAREIL RESPIRATOIRE (PRÉCISÉR)</b>	If workplace exposure limits of product or any component is exceeded (see section II), a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure type) under specified conditions (see your safety equipment supplier). Engineering or administrative controls should be implemented to reduce exposure.
<b>OTHER (SPECIFY) / AUTRES (PRÉCISER)</b>	Normal work clothing
<b>ENGINEERING CONTROLS [E.G. VENTILATION, ENCLOSED PROCESS, SPECIFY] / MÉCANISMES TECHNIQUES [EX. VENTILATION, OPÉRATION EN MILIEU FERMÉ, PRÉCISER]</b>	Provide sufficient mechanical (general and or local exhaust) ventilation to maintain exposure below TLV(s).
<b>LEAK AND SPILL PROCEDURE / MESURES EN CAS DE FUITE OU DE DÉVERSEMENT</b>	<b>SMALL SPILL:</b> Absorb liquid on paper, vermiculite, floor absorbent or other absorbent material. <b>LARGE SPILL:</b> Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source, dike area of spill to prevent spreading. Pump liquid to salvage tank. Remaining liquid may be taken up on sand, clay, earth, floor absorbent, or other absorbent material and shoveled into containers.,
<b>WASTE DISPOSAL / ÉLIMINATION DES RÉSIDUS</b>	<b>SMALL SPILL:</b> Dispose of in accordance with all local, state and federal regulations. <b>LARGE SPILL:</b> Destroy by incineration in accordance with applicable regulations.
<b>HANDLING PROCEDURES AND EQUIPMENTS / MÉTHODES ET ÉQUIPEMENT POUR LA MANUTENTION</b>	Avoid contact with eyes
<b>STORAGE REQUIREMENTS / EXIGENCES D'ENTREPOSAGE</b>	Keep in closed containers away from children.
<b>SPECIAL SHIPPING INFORMATION / RENSEIGNEMENTS SPÉCIAUX POUR L'EXPÉDITION</b>	Not applicable

## **SECTION VIII – FIRST AID MEASURES / PREMIERS SOINS**

---

IF ON SKIN: Thoroughly wash exposed area with soap and water. Remove contaminated clothing. Launder contaminated clothing before re-use.

IF IN EYES: Flush with large amounts of water, lifting upper and lower lids occasionally.

IF SWALLOWED: Do not induce vomiting, keep person warm, quiet, and get medical attention. Aspiration of material into the lungs due to vomiting can cause chemical pneumonitis, which can be fatal.

---

**ADDITIONAL INFORMATION /**

**RENSEIGNEMENTS SUPPLÉMENTAIRES**

Never use welding or cutting torch on or near a containers because product can ignite explosively.

---

## **SECTION IX – PREPARATION DATE OF M.S.D.S. / FICHE SIGNALÉTIQUE**

---

**PREPARED BY:** Gus Kaklamanos - CHEMIST

**TELEPHONE NO.:** (416) 2617182

**DATE:** June 01, 2006

---

### **ADDITIONAL NOTES OR REFERENCES / NOTES ADDITIONNELLES OU RÉFÉRENCES:**

WHMIS CLASSIFICATION: CLASS B, DIV. 3  
CLASS D, 2B