

MATERIAL SAFETY DATA SHEET  
**DIAMOND (Glass Cleaner)**

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**SLUYTER COMPANY LTD.**

375 Steelcase Road East  
Markham, Ontario L3R 1G3 Canada  
Tel (905) 475-6011 Fax (905) 475-3119

**SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

MANUFACTURER-----SLUYTER COMPANY LTD.  
375 Steelcase Road East  
Markham, Ontario L3R 1G3  
Canada  
Tel (905) 475-6011  
PRODUCT NAME-----DIAMOND.  
PRODUCT USES-----Glass Cleaner.  
CHEMICAL FAMILY-----Alcohol based blend.

**SECTION 02: COMPOSITION / INFORMATION ON INGREDIENTS**

INGREDIENTS/ %	CAS / TLV	LD/50, ROUTE, SPECIES	LC/50, ROUTE, SPECIES
ISOPROPYL ALCOHOL 10 - 30	67-63-0 400 ppm	5045 mg/kg Oral (Rat)	16000 ppm 4 Hours Inhalation (Rat)
BUTYL CELLOSOLVE 1 - 5	111-76-2 25 ppm	490 mg/kg Skin (Rabbit)	450 ppm 1 Hour Inhalation (Rat)

**SECTION 03: HAZARDS IDENTIFICATION**

ROUTE OF ENTRY:-----  
SKIN CONTACT-----Can cause moderate skin irritation,  
defatting and dermatitis.  
SKIN ABSORPTION-----Not applicable.  
INHALATION-----See "EFFECTS OF CHRONIC EXPOSURE", below.  
INHALATION CHRONIC-----Can cause damage to the respiratory system.  
INGESTION-----May cause headache, nausea, vomiting and weakness.  
EYE CONTACT-----Contains materials that are severely  
irritating to the eyes.  
EFFECTS OF ACUTE EXPOSURE-----Refer to "ROUTE ENTRY" section.  
EFFECTS OF CHRONIC EXPOSURE-----May cause damage to the central nervous  
system. May cause nausea, headache,  
dizziness and drowsiness.

**SECTION 04: FIRST AID MEASURES**

EYE CONTACT-----Check for and remove any contact lenses.  
Immediately flush with water for a minimum  
of 20 minutes and get medical attention.  
SKIN CONTACT-----Remove contaminated clothing. Wash  
affected area with water and soap. Seek  
medical attention if irritation occurs or persists.  
INHALATION-----Remove patient to fresh air. If not  
breathing, trained personnel should  
administer artificial respiration. Get  
medical attention.  
INGESTION-----Get immediate medical attention.  
ADDITIONAL INFORMATION-----Contact your local poison control centre.

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**SECTION 05: FIRE FIGHTING MEASURES**

FLAMMABILITY-----Non-flammable.  
SPECIAL PROCEDURES-----A self-contained breathing apparatus is required for fire fighting personnel. Use water spray to cool fire exposed surfaces and to protect personnel.  
FLASH POINT (METHOD)-----Not flammable.  
AUTO IGNITION TEMPERATURE-----Not available.  
UPPER FLAMMABLE LIMIT (% VOL)-----Not applicable.  
LOWER FLAMMABLE LIMIT (% VOL)-----Not applicable.  
EXTINGUISHING MEDIA-----Alcohol foam, CO2 or dry chemical.  
HAZARDOUS COMBUSTION PRODUCTS-----Oxides of Carbon (CO and CO2).  
SENSITIVITY TO MECHANICAL-----Not available.  
IMPACT  
SENSITIVITY TO STATIC-----Not available.  
DISCHARGE

**SECTION 06: ACCIDENTAL RELEASE MEASURES**

LEAK/SPILL-----Ventilate. Remove all sources of ignition, open flames, sparks and heaters. Wear protective gear (See SECTION 8). Small spills can be wiped. Large spills must be collected for disposal. Use a non-combustible absorbent inorganic material. Prevent run-off into drains, sewers and other waterways. CAUTION: Surfaces may be slippery after use, clean thoroughly with a mineral spirits based cleaner.

**SECTION 07: HANDLING AND STORAGE**

HANDLING PROCEDURES-----Avoid skin and eye contact. Avoid breathing vapours. Use adequate ventilation. Keep away from heat, sparks and open flame.  
STORAGE NEEDS-----Store in a cool area, away from all sources of heat and ignition. Store in a dry, well ventilated area. Do NOT store above 49°C.

**SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

PROTECTIVE EQUIPMENT:-----  
EYE/TYPE-----Safety glasses.  
RESPIRATORY/TYPE-----If used indoors on a continuous basis or if the TLV is exceeded, the use of a cartridge type respirator (NIOSH/MSHA approved) is recommended.  
GLOVES/ TYPE-----Wear impervious gloves (Neoprene or Rubber).  
CLOTHING/TYPE-----Not applicable.  
FOOTWEAR/TYPE-----Not applicable.  
OTHER/TYPE-----Eye bath and safety shower.  
VENTILATION REQUIREMENTS-----Natural or mechanical (Explosion Proof) ventilation to keep vapour levels well below the TLV.

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**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE-----Liquid.  
ODOUR-----Mild alcohol odour.  
SPECIFIC GRAVITY-----0.86 - 0.90.  
ODOUR THRESHOLD (ppm)-----Not available.  
VAPOUR PRESSURE-----20 mmHg @ 20°C.  
VAPOUR DENSITY (AIR=1)-----Not available.  
EVAPORATION RATE-----Not available.  
BOILING POINT (deg C)-----100°C.  
pH-----Not available.  
SOLUBILITY IN WATER (% W/W)-----Soluble.  
COEFFICIENT OF WATER/OIL-----Not available.  
DISTRIBUTION  
FREEZING POINT----- <0° C.  
MELTING POINT (deg C)-----Not applicable.  
MOLECULAR WEIGHT-----Not applicable.

**SECTION 10: STABILITY AND REACTIVITY**

INCOMPATIBILITY-----Avoid high temperatures.  
REACTIVITY CONDITIONS-----Thermal.  
HAZARDOUS PRODUCTS OF-----Oxides of Carbon (CO and CO2).  
DECOMPOSITION

**SECTION 11: TOXICOLOGICAL INFORMATION**

EXPOSURE LIMIT OF MATERIAL-----See "HAZARDOUS INGREDIENTS" in SECTION 2.  
IRRITANCY OF MATERIAL-----Eye irritant. Irritant upon prolonged exposure.  
SENSITIZING CAPABILITY OF-----Not available.  
MATERIAL  
CARCINOGENICITY OF MATERIAL-----No information is available and no adverse carcinogenic effects are anticipated.  
TERATOGENICITY-----No information is available and no adverse teratogenicity effects are anticipated.  
MUTAGENICITY-----No information is available and no adverse mutagenicity effects are anticipated.  
REPRODUCTIVE EFFECTS-----No information is available and no adverse reproductive effects are anticipated.  
SYNERGISTIC MATERIALS-----Not available.

**SECTION 12: ECOLOGICAL INFORMATION**

ENVIRONMENTAL-----Not available. Can be dangerous if allowed to enter drinking water intakes. Product has an unaesthetic appearance and can be a nuisance. Do not contaminate domestic or irrigation water supplies, lakes, streams, ponds and rivers.  
BIODEGRADABILITY-----Not available. The solvent portion of this product is biodegradable and vaporizes rapidly.

**SECTION 13: DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL-----Spilled material and water rinses are classified as chemical waste. To be disposed of in accordance with current Local, Provincial and Federal regulations.

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**SECTION 14: TRANSPORT INFORMATION**

T.D.G. CLASSIFICATION-----Not regulated.

**SECTION 15: REGULATORY INFORMATION**

CPR COMPLIANCE-----This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

WHMIS CLASSIFICATION-----Class D Div.2 Subdiv.B.

**SECTION 16: OTHER INFORMATION**

IMPORTANT:-----The information on this Material Safety Data Sheet is furnished without warranty, expressed or implied. All the information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations for the accuracy or sufficiency.