

MATERIAL SAFETY DATA SHEET
KARPET KLEANER

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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-----KARPET KLEANER.
PRODUCT USES-----Carpet and Rug cleaner.
CHEMICAL FAMILY-----Solvent Blend.

SECTION 02: COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS / %	CAS / TLV	LD/50, ROUTE, SPECIES	LC/50, ROUTE, SPECIES
MONOETHANOLAMINE			
3 - 7	141-43-5 3 ppm	1000 mg/Kg Skin (Rabbit)	Not Available
ALKYLPHENOL ETHOXYLATE			
1 - 5	9016-45-9 Not Available	2830 mg/kg Skin (Rabbit)	Not Available
POTASSIUM HYDROXIDE			
1 - 5	1310-58-3 2 mg/M3	273 mg/kg Oral (Rat)	Not Indicated
PROPANE			
1 - 5	74-98-6 1000 ppm	Not indicated	Not Indicated
ISOBUTANE			
3 - 7	75-28-5 800 ppm	Not Indicated	Not indicated

SECTION 03: HAZARDS IDENTIFICATION

ROUTE OF ENTRY:-----
SKIN CONTACT-----Irritation, local redness and possible mild burns.
SKIN ABSORPTION-----Repeated or prolonged absorption can cause effects similar to ingestion.
INHALATION-----See "EFFECTS OF CHRONIC EXPOSURE", below.
INHALATION CHRONIC-----Inhalation in confined spaces can cause headaches and nausea.
INGESTION-----Irritation to throat, esophagus and stomach. May cause severe stomach pains.
EYE CONTACT-----Severe irritation, redness, watering and blurred vision.
EFFECTS OF ACUTE EXPOSURE-----Refer to "ROUTE ENTRY" section.
EFFECTS OF CHRONIC EXPOSURE-----Prolonged or repeated skin contact may cause drying or cracking of the skin. Ingestion of product can have severe negative health effects. Corrosive: Avoid skin and eye contact.

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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-----Induce vomiting. Get immediate medical
attention.

ADDITIONAL INFORMATION-----Contact your local poison control centre.

SECTION 05: FIRE FIGHTING MEASURES

FLAMMABILITY-----Non-flammable.

UNDER WHAT CONDITIONS-----CAUTION: CONTENTS UNDER PRESSURE.
Temperatures above 50°C may cause container
to explode.

FLASH POINT (METHOD)----- < 0°C Initial.

AUTO IGNITION TEMPERATURE-----Not available.

UPPER FLAMMABLE LIMIT (% VOL)-----7.0.

LOWER FLAMMABLE LIMIT (% VOL)-----0.61.

EXTINGUISHING MEDIA-----Dry chemical, alcohol foam and CO2
extinguishers.

HAZARDOUS COMBUSTION PRODUCTS-----Oxides of Carbon (CO, CO2).Oxides of
Nitrogen. Ammonia.

SENSITIVITY TO MECHANICAL-----Yes. Contents under pressure.

IMPACT

SENSITIVITY TO STATIC-----Not applicable.

DISCHARGE

SECTION 06: ACCIDENTAL RELEASE MEASURES

LEAK/SPILL-----Ventilate. Eliminate all sources of
ignition. Large spills must be collected
for disposal. Small spills can be wiped. Use
a dry absorbent material. CAUTION: Surfaces
may be slippery after use, clean
thoroughly with a mineral spirits based cleaner.

SECTION 07: HANDLING AND STORAGE

HANDLING PROCEDURES-----PROTECT AGAINST PHYSICAL DAMAGE. Avoid
breathing vapours. Avoid skin and eye
contact.

STORAGE NEEDS-----Store in a cool area, away from all
sources of heat and ignition. STORE IN A
COOL AND DARK AREA. STORE UNDER 30°C.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:-----
EYE/TYPE-----Safely goggles.
RESPIRATORY/TYPE-----If used indoors on a continuous basis or

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if the TLV is exceeded, the use of a cartridge type respirator (NIOSH/MSHA approved) is recommended.

GLOVES/ TYPE-----Chemical resistant gloves.

CLOTHING/TYPER-----Wear adequate protective clothing.

FOOTWEAR/TYPER-----Safety boots as specified in workplace regulations.

OTHER/TYPER-----Eye bath and safety shower.

VENTILATION REQUIREMENTS-----Natural or mechanical ventilation to keep the vapour concentrations below the TLV.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE-----Aerosol Can.
ODOUR-----Mild odour.
SPECIFIC GRAVITY-----0.98 - 1.02.
ODOUR THRESHOLD (ppm)-----Not available.
VAPOUR PRESSURE-----2600 mmHg @ 20°C.
VAPOUR DENSITY (AIR=1)-----2.00.
EVAPORATION RATE----- < 1 (NBUAC = 1).
BOILING POINT (deg C)-----100°C.
pH-----9.5 - 11.0.
SOLUBILITY IN WATER (% W/W)-----Soluble.
COEFFICIENT OF WATER\OIL-----Not available.
DISTRIBUTION
VOLATILES (%)-----98%.
FREEZING POINT----- < 0°C.
MELTING POINT (deg C)-----Not available.
MOLECULAR WEIGHT-----Not applicable.

SECTION 10: STABILITY AND REACTIVITY

INCOMPATIBILITY-----Strong acids. Incompatible with strong oxidizers.
REACTIVITY CONDITIONS-----Thermal.
HAZARDOUS PRODUCTS OF DECOMPOSITION-----Oxides of Carbon (CO and CO2). Oxides of Nitrogen. Ammonia.

SECTION 11: TOXICOLOGICAL INFORMATION

EXPOSURE LIMIT OF MATERIAL-----See "HAZARDOUS INGREDIENTS" in SECTION 2.
IRRITANCY OF MATERIAL-----Eye irritant. Skin irritant.
SENSITIZING CAPABILITY OF MATERIAL-----Not available.
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

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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-----Contents under pressure. Do NOT puncture, incinerate or expose to heat, even when empty. To be disposed of in accordance with current Local, Provincial and Federal regulations.

SECTION 14: TRANSPORT INFORMATION

T.D.G. CLASSIFICATION----- SHIPPING NAME - Aerosols
WHMIS - Consumer Commodity
PACKAGING GROUP- Not Applicable
UN NUMBER - 1950
If the shipment exceeds 500 kg in weight -
shipped as CONSUMER COMMODITY - AEROSOLS NON-
FLAMMABLE CLASS 2.2.

SECTION 15: REGULATORY INFORMATION

WHMIS CLASSIFICATION-----Class A Class B Div.5 Flammable. Aerosol
Class D Div.2 Subdiv.B. Class D Div.1
Subdiv.B. Class E.

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.