

MATERIAL SAFETY DATA SHEET
PLUS 5 (Aerosol)

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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-----PLUS 5 (Aerosol Packaged).
PRODUCT USES-----Multi-Purpose Lubricant.
CHEMICAL FAMILY-----Oil/Solvent formulated product.

SECTION 02: COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS / %	CAS / TLV	LD/50, ROUTE, SPECIES	LC/50, ROUTE, SPECIES
MINERAL SPIRITS 40 - 70	64742-88-7 N/A	>8 mL/kg Oral (Rat)	1400 ppm 4 Hours Inhalation (Rat)
ACETONE 10 - 30	67-64-1 750 ppm	9750 mg/kg Oral (Rat)	16000 ppm 4 hours Inhalation (Rat)
CARBON DIOXIDE 3 - 7	124-38-9 30000 ppm /3% STEL	Not Available	Not Available

SECTION 03: HAZARDS IDENTIFICATION

ROUTE OF ENTRY:-----
SKIN CONTACT-----Can cause dermatitis. May cause
discomfort. Slight irritation.
SKIN ABSORPTION-----Not applicable.
INHALATION-----See "EFFECTS OF CHRONIC EXPOSURE", below.
INHALATION CHRONIC-----Breathing of high vapour concentrations
could cause dizziness, headache or even
unconsciousness. May be anesthetic which
could result in other central nervous
system effects.
INGESTION-----Can cause gastro-intestinal irritation,
nausea, vomiting and diarrhea. Small
amounts of liquid aspirated into
respiratory system could cause severe
health effects (e.g. Bronchopneumonia or
Pulmonary Edema).
EYE CONTACT-----Contains materials that are severely
irritating to the eyes.
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. Product is believed to have low
toxicity for other chronic exposures.

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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-----Do NOT induce vomiting. Get immediate
medical attention.

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

SECTION 05: FIRE FIGHTING MEASURES

FLAMMABILITY-----Flammable.

UNDER WHAT CONDITIONS-----Flammable aerosol. A dangerous fire hazard
when exposed to heat, flames or
sparks. CAUTION: CONTENTS UNDER PRESSURE.
Temperatures above 50°C may cause container
to explode.

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)-----43°C TAG Closed Cup.

AUTO IGNITION TEMPERATURE-----Not available.

UPPER FLAMMABLE LIMIT (% VOL)-----13.00.

LOWER FLAMMABLE LIMIT (% VOL)-----2.60.

EXTINGUISHING MEDIA-----Alcohol foam, CO2 or dry chemical.

HAZARDOUS COMBUSTION PRODUCTS-----Oxides of Carbon (CO and CO2). Hydrogen
Chloride. Oxides of sulphur. Toxic fumes.

SENSITIVITY TO MECHANICAL-----Yes.

IMPACT

SENSITIVITY TO STATIC-----Not available.

DISCHARGE

SECTION 06: ACCIDENTAL RELEASE MEASURES

LEAK/SPILL-----Ventilate. Do not breathe the fumes. 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-----Do NOT place container in hot water. 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

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sources of heat and ignition. Store in a dry, well ventilated area.

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-----Wear adequate protective clothing.

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

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

VENTILATION REQUIREMENTS-----Natural or mechanical (Explosion Proof) ventilation to keep vapour levels well below the TLV.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE-----Aerosol Can.

ODOUR-----Petroleum Solvent Odour.

SPECIFIC GRAVITY-----0.80 - 0.90 (Concentrate).

ODOUR THRESHOLD (ppm)-----Not available.

VAPOUR PRESSURE-----90 mmHg @ 20°C.

VAPOUR DENSITY (AIR=1)----- > 1.00.

EVAPORATION RATE-----Not available.

BOILING POINT (deg C)-----Initial 56 C.

pH-----Not applicable.

SOLUBILITY IN WATER (% W/W)-----Not soluble.

COEFFICIENT OF WATER\OIL-----Not available.

DISTRIBUTION

FREEZING POINT----- < 0°C.

MELTING POINT (deg C)-----Not applicable.

VOLATILES (%)----- > 80%.

MOLECULAR WEIGHT-----Not applicable.

SECTION 10: STABILITY AND REACTIVITY

INCOMPATIBILITY-----Oxidizing agents.

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-----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.

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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-----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
FLAMMABLE CLASS 2.1.

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 B Div.5 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.