

MATERIAL SAFETY DATA SHEET  
**BIO PARTS CLEANER (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-----BIO PARTS CLEANER.  
PRODUCT USES-----Cleaner and Degreaser.  
CHEMICAL FAMILY-----Aliphatic Hydrocarbon based blend.

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

INGREDIENTS / %	CAS / TLV	LD/50, ROUTE, SPECIES	LC/50, ROUTE, SPECIES
HEPTANE 40 - 77	142-82-5 400 ppm	>15 mg/kg Oral (Rat)	Not Available
D'LIMONENE 10 - 30	5989-27-5 Not Available	4400 mg/kg Oral (Rat)	Not Available
DIPROPYLENE GLYCOL METHYL ETHER 10 - 30	34590-94-8 100 ppm	Not Available	Not Available
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 moderate skin irritation,  
defatting and dermatitis.  
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 moderately  
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. May  
cause respiratory damage.

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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 50C 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)----- - 4°C TAG Closed Cup. Flame Projection > 45cm

AUTO IGNITION TEMPERATURE-----Not available.

UPPER FLAMMABLE LIMIT (% VOL)-----6.80.

LOWER FLAMMABLE LIMIT (% VOL)-----1.20.

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

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

SENSITIVITY TO MECHANICAL-----Yes.

IMPACT

SENSITIVITY TO STATIC-----Not available.

DISCHARGE

**SECTION 06: ACCIDENTAL RELEASE MEASURES**

LEAK/SPILL-----Wear protective gear (See SECTION  
8).Ventilate. Eliminate all sources of  
ignition. 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.

**SECTION 07: HANDLING AND STORAGE**

HANDLING PROCEDURES-----Keep away from heat, sparks and open  
flame. Avoid prolonged or repeated skin  
contact. Maintain a good personal  
hygiene. Avoid breathing vapours.

STORAGE NEEDS-----Store away from all sources of heat and  
ignition. STORE IN A COOL AREA. Store in a  
dry, well ventilated area. Do NOT store  
above 49°C.

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**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 if skin contact is  
likely.  
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-----Lemon fragrance.  
SPECIFIC GRAVITY-----0.90 - 1.00 (Concentrate).  
ODOUR THRESHOLD (ppm)-----Not available.  
VAPOUR PRESSURE-----90 mmHg @ 20°C.  
VAPOUR DENSITY (AIR=1)----- > 1.00.  
EVAPORATION RATE-----Similar to water.  
BOILING POINT (deg C)-----Initial 92°C.  
pH-----Not available.  
VOLATILES (%)----- > 90%.  
SOLUBILITY IN WATER (% W/W)-----Water soluble.  
COEFFICIENT OF WATER\OIL-----Not available.  
DISTRIBUTION  
FREEZING POINT----- < 0°C.  
MELTING POINT (deg C)-----Not available.  
MOLECULAR WEIGHT-----Not applicable.

**SECTION 10: STABILITY AND REACTIVITY**

INCOMPATIBILITY-----Strong acids and strong bases. 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.

Ref: 0000224E

Preparation Date : May.07.2015

**EMERGENCY - CALL CANUTEC (613) 996-6666 (Collect)**

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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-----CONSUMER COMMODITY. 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 A Class B Div.5 Flammable. Aerosol 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.