

MATERIAL SAFETY DATA SHEET  
**JIFFY**

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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-----JIFFY.  
PRODUCT USES-----Cleaner and Degreaser.  
CHEMICAL FAMILY-----Aqueous Formulated Product.

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

% INGREDIENTS	CAS / TLV	LD/50, ROUTE, SPECIES	LC/50, ROUTE, SPECIES
BUTYL CELLOSOLVE			
5 - 10	111-76-2 25 ppm	490 mg/kg Skin (Rabbit)	450 ppm 1 Hour Inhalation (Rat)
ALKYLPHENOL ETHOXYLATE			
1 - 5	9016-45-9 Not Available	2830 mg/kg Skin (Rabbit)	Not Available

**SECTION 03: HAZARDS IDENTIFICATION**

ROUTE OF ENTRY:-----  
SKIN CONTACT-----Irritation, local redness and possible  
mild burns.  
SKIN ABSORPTION-----Not applicable.  
INHALATION-----See "EFFECTS OF CHRONIC EXPOSURE", below.  
INHALATION CHRONIC-----Mist inhalation can cause respiratory  
irritation.  
INGESTION-----Will cause sever irritation and  
inflammation of the mouth, throat and stomach.  
EYE CONTACT-----Irritant. If not removed promptly, it will  
injure the eye tissue and may cause  
permanent eye damage.  
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. Inhalation in a confined space, also  
ingestion and absorption can have toxic effects.

**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.

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

INGESTION-----Dilute with large quantities of water or milk. Do NOT induce vomiting.  
 ADDITIONAL INFORMATION-----Contact your local poison control centre.

**SECTION 05: FIRE FIGHTING MEASURES**

FLAMMABILITY-----Non-flammable.  
 UNDER WHAT CONDITIONS-----Not Applicable.  
 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 applicable.  
 UPPER FLAMMABLE LIMIT (% VOL)-----Not applicable.  
 LOWER FLAMMABLE LIMIT (% VOL)-----Not applicable.  
 EXTINGUISHING MEDIA-----Use extinguishing media for surrounding fire.  
 HAZARDOUS COMBUSTION PRODUCTS-----Oxides of Carbon (CO and CO2).  
 SENSITIVITY TO MECHANICAL-----Not applicable.  
 IMPACT  
 SENSITIVITY TO STATIC-----Not applicable.  
 DISCHARGE

**SECTION 06: ACCIDENTAL RELEASE MEASURES**

LEAK/SPILL-----Small spills can be wiped. Wash down with water. Large spills must be collected for disposal. Absorb residual material with sand or other absorbent material. Prevent run-off into drains, sewers and other waterways.

**SECTION 07: HANDLING AND STORAGE**

HANDLING PROCEDURES-----Avoid skin and eye contact. Maintain a good personal hygiene.  
 STORAGE NEEDS-----Do NOT store below 5°C. Do NOT store above 49°C. Keep container closed and out of reach from children and pets when not in use.

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

PROTECTIVE EQUIPMENT:-----  
 EYE/TYPE-----Safety glasses required when handling concentrated product.  
 RESPIRATORY/TYPE-----None required under normal use.  
 GLOVES/ TYPE-----Rubber or vinyl gloves for prolonged or repeated contact with the product in concentrated form.  
 CLOTHING/TYPE-----Not applicable.  
 FOOTWEAR/TYPE-----Safety boots as specified in workplace regulations.  
 OTHER/TYPE-----Eye bath and safety shower.  
 VENTILATION REQUIREMENTS-----Natural ventilation is satisfactory for normal use.

**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE-----Liquid.  
 ODOUR-----Mild odour.  
 SPECIFIC GRAVITY-----1.00 - 1.05.  
 ODOUR THRESHOLD (ppm)-----Not applicable.  
 VAPOUR PRESSURE-----Similar to water.  
 VAPOUR DENSITY (AIR=1)-----Not available.  
 EVAPORATION RATE-----Similar to water.  
 BOILING POINT (deg C)-----100°C.  
 pH-----12 - 13.  
 SOLUBILITY IN WATER (% W/W)-----Soluble.  
 COEFFICIENT OF WATER\OIL-----Not available.  
 DISTRIBUTION  
 VOLATILES (%)----- > 85%.  
 FREEZING POINT-----0°C.  
 MELTING POINT (deg C)-----Not applicable.  
 MOLECULAR WEIGHT-----Not applicable.

**SECTION 10: STABILITY AND REACTIVITY**

INCOMPATIBILITY-----Not applicable.  
 REACTIVITY CONDITIONS-----None.  
 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-----Slight.  
 SENSITIZING CAPABILITY OF-----Not a sensitizer.  
 MATERIAL  
 CARCINOGENICITY OF MATERIAL-----No ingredients are listed as a carcinogen  
 by NIOSH, IARC and ACGIH.  
 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 applicable.

**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-----To be disposed of in accordance with  
current Local, Provincial and Federal  
regulations.

**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.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.