

MATERIAL SAFETY DATA SHEET  
**ATTACK**

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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-----ATTACK  
PRODUCT USES-----Grease Trap cleaner and odour counteractant.  
CHEMICAL FAMILY-----Surfactant blend.

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

INGREDIENTS / %	CAS / TLV	LD/50, ROUTE, SPECIES	LC/50, ROUTE, SPECIES
PRIMARY ALCOHOL ETHOXYLATE 1 - 10	68439-45-2 Not Available	2000 mg/kg Oral (Rat)	>5mg/l 8 hours Inhalation (Rat)
Sodium Borate 0.01 - 0.1	1330-43-4 Not Available	Not Applicable	Not Applicable

**SECTION 03: HAZARDS IDENTIFICATION**

ROUTE OF ENTRY:-----  
SKIN CONTACT-----Do not expose to open cuts or wounds. Can  
cause moderate skin irritation, defatting  
and dermatitis.  
SKIN ABSORPTION-----Not available.  
INHALATION-----See "EFFECTS OF CHRONIC EXPOSURE", below.  
INHALATION CHRONIC-----Not available.  
INGESTION-----Low toxicity.  
EYE CONTACT-----Irritant. May cause discomfort. May cause  
watering of 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.

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

Ref: 0000315E

Preparation Date : May.07.2015

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

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**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-----Not Applicable.  
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.

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VAPOUR PRESSURE-----115 mmHg @ 38°C.  
VAPOUR DENSITY (AIR=1)-----Not available.  
EVAPORATION RATE-----Not available.  
BOILING POINT (deg C)-----100°C.  
pH-----8.0.  
SOLUBILITY IN WATER (% W/W)-----Soluble.  
COEFFICIENT OF WATER\OIL-----Not available.  
DISTRIBUTION  
VOLATILES (%)-----Not available.  
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-----Strong acids or alkali compounds may  
DECOMPOSITION deactivate the biological cultures.

**SECTION 11: TOXICOLOGICAL INFORMATION**

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

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**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.