

MATERIAL SAFETY DATA SHEET
CITRUS ALL-CLEAN

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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-----CITRUS ALL-CLEAN.
PRODUCT USES-----Cleaner / Detergent.
CHEMICAL FAMILY-----Aqueous Formulated Product.

SECTION 02: COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS / %	CAS / TLV	LD/50, ROUTE, SPECIES	LC/50, ROUTE, SPECIES
BUTYL CELLOSOLVE			
1 - 5	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
SODIUM DODECYLBENZENE SULPHONATE			
1 - 5	25155-30-3 Not Available	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-----Mist inhalation can cause respiratory irritation.
INGESTION-----May cause headache, nausea, vomiting and weakness.
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.

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

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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). Oxides of Phosphorous. Toxic fumes. Smoke.
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.

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SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE-----Liquid.
ODOUR-----Lemon fragrance.
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-----11 - 12.
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). Oxides of Phosphorous.
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.

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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.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.