

MATERIAL SAFETY DATA SHEET
BOWL KLEAR

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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-----BOWL KLEAR.
PRODUCT USES-----Toilet Bowl Cleaner.
CHEMICAL FAMILY-----Acid Based.

SECTION 02: COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS / %	CAS / TLV	LD/50, ROUTE, SPECIES	LC/50, ROUTE, SPECIES
HYDROCHLORIC ACID			
10 - 30	7647-01-0 5 mg/m3	900 mg/kg Oral (Rat)	3124 ppm 1 Hour Inhalation (Rat)

SECTION 03: HAZARDS IDENTIFICATION

ROUTE OF ENTRY:-----
SKIN CONTACT-----Will cause severe burns to the skin.
SKIN ABSORPTION-----Not applicable.
INHALATION-----See "EFFECTS OF CHRONIC EXPOSURE", below.
INHALATION CHRONIC-----Can cause inflammation of the respiratory system.
INGESTION-----Will cause sever irritation and
inflammation of the mouth, throat and
stomach. May cause severe stomach
pains. Intense thirst, nausea, vomiting and
diarrhea. Circulatory collapse and death may occur.
EYE CONTACT-----Contains materials that are severely
irritating to the eyes. 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-----Repeated inhalation of high concentrations
of mists and vapours can cause damage
to the lungs and possible discolouration
of the teeth. Prolonged or repeated skin
contact may cause drying or cracking of the skin.

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

Ref: 0000113E

Preparation Date : May.07.2015

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

BOWL KLEAR

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE-----Liquid.
 ODOUR-----Pungent acid like odour.
 SPECIFIC GRAVITY-----1.00 - 1.20.
 ODOUR THRESHOLD (ppm)-----Not available.
 VAPOUR PRESSURE-----115 mmHg @ 38°C.
 VAPOUR DENSITY (AIR=1)-----Not available.
 EVAPORATION RATE-----Not available.
 BOILING POINT (deg C)-----99°C.
 pH----- <3.0.
 SOLUBILITY IN WATER (% W/W)-----Soluble.
 COEFFICIENT OF WATER/OIL-----Not available.
 DISTRIBUTION
 VOLATILES (%)-----98%.
 FREEZING POINT-----0°C - 2°C.
 MELTING POINT (deg C)-----Not available.
 MOLECULAR WEIGHT-----Not applicable.

SECTION 10: STABILITY AND REACTIVITY

INCOMPATIBILITY-----Metals: Al, Na, K, Ba and Mg. Incompatible
 with strong
 oxidizers. Alkalies. Bleach. Ammonia.
 REACTIVITY CONDITIONS-----Contact with incompatible materials and
 high temperatures.
 HAZARDOUS PRODUCTS OF
 DECOMPOSITION-----Hydrogen Chloride gas. Chlorine Gas.

SECTION 11: TOXICOLOGICAL INFORMATION

EXPOSURE LIMIT OF MATERIAL-----See "HAZARDOUS INGREDIENTS" in SECTION 2.
 IRRITANCY OF MATERIAL-----Severe. Eye irritant. Skin irritant.
 SENSITIZING CAPABILITY OF-----See effects of acute exposure.
 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 reproductive effects expected.
 SYNERGISTIC MATERIALS-----Not available.

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. Consult the Environmental Ministry.

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SECTION 14: TRANSPORT INFORMATION

T.D.G. CLASSIFICATION-----

(1)----- (1h) LIMITED QUANTITY - if shipment
exceeds 500 kg in weight, shipped as
LIMITED QUANTITY HYDROCHLORIC ACID
(SOLUTION) CLASS 8(9.2).

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 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.