

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION AND USE

Product Identifier: HEAVY DUTY BOWL CLEANER
Product Use: DISINFECTANT CLEANER.
Supplier: SHARE CANADA
Address: 1691 CHURCH AVENUE, WINNIPEG, MANITOBA R2X 2Y7
Telephone: (204) 633-8553 Fax: (204) 633-8453 CANUTEC: (613) 996-6666

SECTION II - HAZARDOUS INGREDIENTS

Ingredient	CAS Number	Weight %	ACGIH TLV	OSHA PEL
Hydrochloric Acid	7647-01-0	20 - 30%	5 ppm	5 ppm
Nonoxynol established.	9016-45-9	1 - 5 %	Not established.	Not

SECTION III - PHYSICAL DATA

Physical State: LIQUID
Specific gravity: 1.120
pH: < 1.00
Odour and appearance: GREEN LIQUID, CHARACTERISTIC ACIDIC ODOUR.
Odour threshold: Not available.
Vapour pressure (mm Hg): Not available.
Vapour density (air = 1): Not available.
Evaporation rate (water = 1): > 1.0
% volatile by volume: > 95.0
Solubility in water: SOLUBLE.
Boiling Point (C⁰): 100⁰ C.
Freezing Point (C⁰): Not available.
Coefficient of water/oil distribution: Not available.

SECTION IV - FIRE AND EXPLOSION DATA

Flammable or combustible: NO
Flash Point (C⁰) and method: Greater than 97.7 C - CLOSED CUP.
Upper flammable limit: Not applicable. Lower flammable limit: Not applicable.
Autoignition temperature: Not applicable. Flammability classification: Not applicable.
Conditions of flammability: NONE.
Means of extinction: WATER, FOAM, CARBON DIOXIDE, DRY CHEMICAL.
Special fire fighting procedures: FIRE FIGHTERS MUST BE EQUIPPED WITH FULL PROTECTIVE GEAR INCLUDING SELF CONTAINED BREATHING APPARATUS. FIRE WILL PRODUCE TOXIC FUMES. COOL FIRE-EXPOSED CONTAINERS WITH WATER FOG.
Hazardous combustion products: THERMAL DECOMPOSITION WILL PRODUCE OXIDES OF CARBON, HCL AND CHLORINE.
Sensitivity to mechanical impact: NOT SENSITIVE
Sensitivity to static discharge: NOT SENSITIVE

SECTION V - REACTIVITY DATA

Is the product stable?: YES Conditions of Reactivity: NONE
Incompatible substances: ALKALINE MATERIALS, METALS, METAL SALTS, CHLORINE BLEACH.
Hazardous decomposition products: THERMAL DECOMPOSITION MAY PRODUCE OXIDES OF CARBON, CHLORINE GAS AND HYDROGEN GAS.

PRODUCT IDENTIFIER: HEAVY DUTY BOWL CLEANER

SECTION VI - TOXICOLOGICAL PROPERTIES

Primary routes of exposure: SKIN AND EYE CONTACT, INGESTION, INHALATION.
Exposure Limits: HYDROCHLORIC ACID - 5 ppm ACGIH- TLV 5 ppm OSHA – PEL .
Irritant: YES- SEVERE SKIN AND EYE IRRITANT Carcinogen: NO - IARC / NTP / OSHA
Sensitizer: YES Mutagen: NO
Reproductive effects: NONE KNOWN Synergistic products: NONE KNOWN
Effects of acute and chronic exposure: SEVERE IRRITATION, BURNS, DESTRUCTION OF TISSUE,
SEVERE IRRITATION, CHEMICAL BURNS, DESTRUCTION OF TISSUE IN CONTACT WITH THE
SKIN. SEVERE BURNS TO RESPIRATORY TRACT, PULMONARY EDEMA, LARYNGEAL SPASMS IF
INHALED. SEVERE BURNS TO MUCUOUS MEMBRANES, DESTRUCTION OF TISSUE ON
INGESTION. DANGER – MAY BE FATAL IF SWALLOWED.

SECTION VII - PREVENTION MEASURES

Gloves: CHEMICAL RESISTANT GLOVES.	Respirator: NIOSH APPROVED RESPIRATOR IF EXPOSURE LIMITS WILL BE EXCEEDED	Eye protection: FACE SHIELD OR CHEMICAL GOGGLES.
Footwear: NO SPECIAL REQUIREMENTS.	Clothing: PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT.	Other requirements: EYE WASH STATION AND EMERGENCY SHOWER.

Engineering Controls: MECHANICAL VENTILATION RECOMMENDED.
Respiratory protection: USE ONLY WITH ADEQUATE VENTILATION. DO NOT BREATHE VAPOURS OR MISTS. WEAR NIOSH/MSHA APPROVED ACID RESPIRATOR IF ESTABLISHED EXPOSURE LIMITS WILL BE EXCEEDED.
Leak or spill procedures: VENTILATE AREA AND CONTROL SPILL. CONTAIN SPILL AND SOAK UP ON INERT ABSORBENT MATERIAL AND PLACE IN A PROPERLY LABELLED CLOSED CONTAINER FOR DISPOSAL. FLUSH AREA WITH WATER.
Waste disposal: CONSULT LOCAL ENVIRONMENTAL AUTHORITIES.
Handling and storage requirements: CORROSIVE MATERIAL. STORE AWAY FROM ALKALINE MATERIALS AND REACTIVE CHEMICALS. DO NOT MIX WITH ANY OTHER CLEANING CHEMICALS. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. KEEP OUT OF THE REACH OF CHILDREN.
Special shipping information: Proper shipping name: CONSUMER COMMODITY IN 1 LITRE CONTAINERS.

SECTION VIII - FIRST AID MEASURES

Eyes: FLUSH EYES AND UNDER EYELIDS WITH PLENTY OF COOL WATER FOR AT LEAST 15 MINUTES. OBTAIN IMMEDIATE MEDICAL ASSISTANCE.
Skin: FLUSH WITH WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDER SEPARATELY BEFORE RE-USE. IF IRRITATION PERSISTS, OBTAIN MEDICAL ATTENTION.
Ingestion: CONTACT A PHYSICIAN OR POISON CONTROL CENTRE IMMEDIATELY. RINSE MOUTH WITH WATER. DO NOT INDUCE VOMITING UNLESS TOLD TO DO SO BY A PHYSICIAN OR POISON CONTROL CENTRE. GIVE 1 – 2 GLASSES OF WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.
Inhalation: REMOVE PERSON TO FRESH AIR. CALL A PHYSICIAN IMMEDIATELY.

SECTION IX - PREPARATION DATA

Information Sources: SUPPLIERS' MATERIAL SAFETY DATA SHEET.
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