

MATERIAL SAFETY DATA SHEET

I - IDENTIFICATION AND USE

PRODUCT NAME: **BLEACH**

PRODUCT USE: CLEANING, SANITIZING

SUPPLIER'S NAME: THE CLEANING HOUSE
973 Barton Street E.
Hamilton, ON L8L 3C4

Tel: (800) 263-8610

CANUTEC: (613) 996-6666

II - HAZARDOUS INGREDIENTS OF PRODUCT

<u>CHEMICAL IDENTITY</u>	<u>CAS, UN, NA, NO</u>	<u>%</u>	<u>LD50/LC50</u>
SODIUM HYPOCHLORITE	1791-8-PGIII	6-12	ORAL RAT N/A 850 mg/kgm

III - PHYSICAL DATA FOR PRODUCT

PHYSICAL STATE: LIQUID

ODOUR & APPEARANCE: FAINT BLEACH ODOUR - CLEAR - SLIGHTLY
YELLOW

ODOUR THRESHOLD: N/A

VAPOUR PRESSURE: <25 AT 20°C
(AIR=1): LESS THAN 1

EVAPORATION RATE: ~ WATER

BOILING POINT: 100°C

FREEZING POINT: <-5°C

SOLUBILITY IN WATER: INFINITE

DENSITY: SIMILAR

PH:11

SPECIFIC GRAVITY: 1.10 ± 0.5

IV - FIRE AND EXPLOSION HAZARD

FLAMMABILITY: NO

MEANS OF EXTINCTION: VENTILATE AREA, FLUSH PRODUCT WITH WATER
PREVENT RELEASED PRODUCT FROM COMING IN
CONTACT WITH OTHER CHEMICALS

FLASHPOINT & METHOD: NONE

UPPER FLAMMABLE (% BY VOLUME):N/A

LOWER FLAMMABLE (% BY VOLUME): N/A

AUTOIGNITION TEMPERATURE: N/A

HAZARDOUS COMBUSION PRODUCTS: PRODUCTS:ACIDS, VIGOROUS REACTION WITH
OXIDIZINGOR ORGANIC MATERIALS, MAY EXPLODE
WHEN EXPOSED TO EXTREME HEAT (FIRE).

SPECIAL FIRE HAZARDS: HEAT, FIRE, ORGANIC MATTER AND NITROGEN
CONTAINING COMPOUNDS.

CONDITIONS FOR CHEMICAL INSTABILITY: ACIDS

INCOMPATIBLE MATERIALS: AVOID HEAT, FIRE, ORGANIC MATTER AND
NITROGEN CONTAINING COMPOUNDS.

DECOMPOSITION PRODUCTS: CHLORINE (BY REACTION WITH ACIDS, AMMONIA,
UREA, NICKEL, COPPER AND IRON.

VI - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO PRODUCT:

EYE: MAY CAUSE SEVERE BURNS
SKIN: MAY CAUSE SEVERE IRRITATION
INGESTION: MAY CAUSE SEVERE IRRITATION OF G.I. TRACT
INHALATION: INHALATION OF CHLORINE MIST OR FUMES MAY CAUSE SEVERE IRRITATION OF THE NOSE AND UPPER RESPIRATORY TRACT.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT:

VII - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

EYE GLASSES, RUBBER GLOVES, RUBBER BOOTS & RESPIRATOR WHEN HANDLING SPILLS.

LEAK AND SPILL PROCEDURE: CONTAIN SPILL, MOP UP OR SOAK UP WITH ABSORBENT CLAY

WASTE DISPOSAL: LARGE SPILLS DISPOSE ACCORDING TO LOCAL, PROVINCIAL & FEDERAL REGULATIONS.

STORAGE REQUIREMENTS: KEEP CONTAINERS CLOSED, KEEP IN A COOL PLACE AWAY FROM DIRECT SUNLIGHT OR HEAT. STORE AWAY FROM ACIDS, AMMONIA & ORGANIC MATERIALS.

SPECIAL SHIPPING INFORMATION: SODIUM HYPOCHLORORITE CLASS 8(9.2) P.I.N # 1791 PACKING GROUP III

VIII - FIRST AID MEASURES

EYE: FLUSH WITH PLENTY OF WATER. IF IRRITATION PERSISTS, SEE A PHYSICIAN.

SKIN: WASH WITH SOAP AND WATER.

INGESTION: DRINK LARGE QUANTITIES OF WATER OR MILK CALL A PHYSICIAN IMMEDIATELY. INDUCE VOMITING AND GIVE MORE WATER TO DRINK.

INHALATION: REMOVE TO FRESH AIR. IF SYMPTOMS PERSIST, CALL A DOCTOR.

PREPARED BY: ECO-CHOICE INDUSTRIES LAB GROUP

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NOTICE: INFORMATION CONTAINED IN THIS MSDS IS DRAWN FROM RELIABLE SOURCES. WE DO NOT ASSUME ANY LIABILITY IN CONNECTION WITH ITS INADEQUATE USE.