

MATERIAL SAFETY DATA SHEET

Prepared According to 29 CFR 1910, 1200

N/A (Not Applicable)

N/E (Not Established)

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: TOILET BOWL CLEANER BC (TBD9)

CHEMICAL FAMILY: MIXTURE

DOT SHIPPING NAME:

CORROSIVE LIQUID, N.O.S., 8
UN1760 NONE

TECHNICAL NAME: (HYDROCHLORIC ACID)

SECTION II - HAZARDOUS INGREDIENTS IDENTITY INFORMATION

	%	TLV (UNITS)
ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE (C12-16) 68424-85-1	<5%	N/E
DIDECYL DIMETHYL AMMONIUM CHLORIDE 7173-51-5	<5%	N/E
HYDROCHLORIC ACID 7647-01-0	<25%	100PPM

CARCINOGENS: NONE SUSPECTED.

*SARA TITLE III, SECTION 313 LISTED

SECTION IV - FIRE AND EXPLOSIVE HAZARD DATA

FLASH POINT (METHOD USED): NONFLAMMABLE

UPPER EXPLOSIVE LIMIT: N/A LOWER EXPLOSIVE LIMIT: N/A

EXTINGUISHING MEDIA: Use appropriate
extinguishing media for the surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing
apparatus and full protective clothing (bunker
gear) should be worn when fighting fires involving
chemicals.

UNUSUAL FIRE AND EXPLOSING HAZARDS: N/E

SECTION VI - FIRST AID & HEALTH HAZARD DATA

FIRST AID

EYES: Immediately flush eyes with large amounts of water for at least 15
minutes while holding eyelids apart. Washing eyes within one minute is
essential. Seek immediate medical attention.

SKIN: Wash with plenty of water for 15 minutes. Remove contaminated
clothing. Seek medical attention if irritation persists.

INGESTION: Give large quantities of water. DO NOT induce vomiting. If
vomiting occurs spontaneously, keep head lower than lungs to
prevent aspiration of chemical into lungs. Never give anything by
mouth to an unconscious person. Seek immediate medical attention.

INHALATION: Remove victim to fresh air. If person is having difficulty in
breathing, perform artificial respiration and get immediate
medical attention.

EFFECTS OF OVEREXPOSURE

(Primary Route of Entry)

EYES: CORROSIVE
SKIN: CORROSIVE
INGESTION: CORROSIVE.
INHALATION: MIST MAY BE MILD TO STRONG IRRITANT, CORROSIVE.

SECTION V - STORAGE AND HANDLING

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Use sound industrial hygiene practices. Keep container closed when not in
use. Wash after handling. Do not eat, drink or smoke around this or any other
chemicals. Read labels and material safety data sheets before using. Store
container in a dry, cool area.

HMIS HAZARDOUS MATERIALS IDENTIFICATION SYSTEM

HEALTH	3
FLAMMABILITY	0
REACTIVITY	1
PERSONAL PROTECTION	H

HAZARD RATING

4 = EXTREME
3 = HIGH
2 = MODERATE
1 = SLIGHT
0 = INSIGNIFICANT

SECTION III - PHYSICAL DATA

PHYSICAL DESCRIPTION:
GREEN LIQUID, SLIGHT ALMO
ND SCENT

BOILING POINT (F): N/E
VAPOR PRESSURE: N/E
% VOLATILE: N/A
SOLUBILITY IN WATER: SOLUBLE
SPECIFIC GRAVITY: 1.07
EVAPORATION RATE: N/E
pH: <2

SECTION VII - REACTIVITY DATA

STABILITY: UNSTABLE STABLE X

INCOMPATIBILITY (Materials to Avoid):
STRONG OXIDIZERS, ALKAL

HAZARDOUS DECOMPOSITION PRODUCTS:
COX, HYDROGEN CHLORIDE

HAZARDOUS POLYMERIZATION: NO

SECTION VIII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Wear necessary personal protective equipment.
Evacuate all unnecessary and untrained personnel.
Dike area to prevent spreading of materials. Cover
drains.
Cover spill with an inert material (clay, sand)
and collect into appropriate containers.
Dispose of in accordance with federal, state and
local regulations.

EMPTY CONTAINERS DISPOSAL:

Any disposal practices must be in compliance with
federal, state and local laws. Any questions
regarding disposal should be directed to the
proper government agency.

SECTION IX - SPECIAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION.....NIOSH APPROVED IF NEEDED.

PROTECTIVE GLOVES..... IMPERVIOUS

EYE PROTECTION..... Safety glasses with side
shields or goggles.

VENTILATION..... Local

OTHER PROTECTIVE EQUIPMENT.. Eyewash and emergency
shower should be located in the working area.

Contact Information:

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UNCONTROLLED DOCUMENT IF THIS LINE IS NOT RED
Currently, Warsaw Chemical Co., Inc. does not post our Material Safety Data Sheets (MSDS)
online. Any Warsaw Chemical Co., Inc. MSDS found online may not be current or correct.