

SAFTEY DATA SHEET

1 PRODUCT IDENTIFICATION



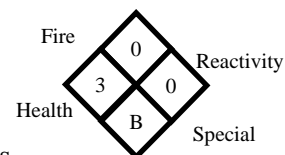
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HAZARD RATING
4=EXTREME
3=HIGH
2=MODERATE
1=SLIGHT
0=INSIGNIFICANT
B=GOGGLES & GLOVES



CHEMICAL NAME SYNONYMS

CHEMICAL FAMILY MIXTURE

TRADE NAME SYNONYMS

D-23 BOWL CLEANER

1-410-325-5040

2 HAZARDS IDENTIFICATION

HEALTH HAZARD DATA: GHS Classification:



Signal word: Warning: Irritant, harmful if swallowed.

ROUTES OF EXPOSURE

INHALATION

CAN BE IRRITATING

SKIN ABSORPTION

MAY CAUSE IRRITATION

INGESTION

N/A

SKIN CONTACT

MAY CAUSE MINOR IRRITATION

EYE CONTACT

MAY CAUSE IRRITATION

3 COMPOSITION/INFORMATION ON INGREDIENTS

MATERIAL OR COMPONENT

%

CAS NUMBER

HYDROGEN CHLORIDE

20-32

7647-01-0

4 FIRST AID MEASURES

EFFECTS OF OVEREXPOSURE

ACUTE OVEREXPOSURE

CAUSES SEVERE BURNS TO ALL TISSUE

CHRONIC OVEREXPOSURE

CAUSE IRRITATE TO EYES AND RESPIRATORY TRACT

EMERGENCY FIRST AID PROCEDURE

EYE

FLUSH WITH WATER 15 MINUTES AND CALL A PHYSICIAN

SKIN

WASH WITH WATER AND REMOVE CLOTHING

WASH CONTAMINATED CLOTHING BEFORE REUSE

INHALATION

MOVE TO FRESH AIR

INGESTION

DRINK WATER, DO NOT INDUCE VOMITING. CALL PHYSICIAN

NOTES TO PHYSICIAN

5 FIRE FIGHTING MEASURES

FLASH POINT (TEST METHOD)

NONE

AUTOIGNITION TEMPERATURE

NONE

FLAMMABLE LIMITS IN AIR % BY VOL

LOWER

N/A

UPPER

N/A

EXTINGUISHING MEDIA

WATER FOG, FOAM, CO2, DRY CHEMICAL

SPECIAL FIRE

WEAR NIOSH/MSHA APPROVED SELF-CONTAINED

FIGHTING PROCEDURES

BREATHING APPARATUS, COOL WITH WATER SPRAY

UNUSUAL FIRE

HYDROGEN CHLORIDE GAS IS RELEASED WHEN

FIGHTING PROCEDURES

HYDROCHLORIC ACID WHEN HEATED. THE ACIDS ALSO
REACTS WITH MOST METALS TO PRODUCE EXPLOSIVE AND
FLAMMABLE HYDROGEN GAS

6 ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:	DIKE AND DISPOSE ACCORDING TO FEDERAL, STATE AND LOCAL REGULATIONS
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NEUTRALIZING CHEMICALS:	SPRINGLE SODA ASH OR SODIUM BICARBONATE
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WASTE DISPOSAL METHOD:	IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS
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7 HANDLING & STORAGE

AVOID CONTACT WITH SKIN AND EYES. AVOID BREATHING VAPORS. WASH THOROUGHLY AFTER HANDLING.
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STORAGE PROCEDURES:

STORE IN A COOL DRY WELL VENTILATED AREA AVOID FREEZING OR EXCESSIVE HEAT
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8 EXPOSURE CONTROLS/PERSONAL PROTECTION

SPECIFIC PERSONAL PROTECTIVE EQUIPMENT	NONE
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RESPIRATORY (SPECIFY IN DETAIL)	GOOD VENTILATION SHOULD BE SUFFICIENT
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EYE GOGGLES	GLOVES RUBBER
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OTHER CLOTHING AND EQUIPMENT	ACID RESISTANT APRON AND BOOTS
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9 PHYSICAL DATA

BOILING POINT 760 MM HG	230°F.	MELTING POINT	O°C	pH: 0
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SPECIFIC GRAVITY	1.1	VAPOR PRESSURE	N/A
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VAPOR DENSITY (AIR=1)	N/A	SOLUBILITY IN H₂O % BY WT	COMPLETE
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% VOLATILES BY WT	98	EVAPORATION RATE (BUTYL ACETATE=1) APPROX=WATER
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APPEARANCE AND ODOR	MILKY LIQUID, STRONG PUNGENT ODOR
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10 STABILITY & REACTIVITY

CONDITIONS CONTRIBUTING TO INSTABILITY	STABLE
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INCOMPATIBILITY	AVOID HIGH TEMPERATURE
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HAZARDOUS DECOMPOSITION PRODUCTS	HYDROGEN CHLORIDE GAS
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CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION	NONE
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11 TOXICOLOGICAL INFORMATION

NONE KNOWN

12 ECOLOGICAL INFORMATION

NONE KNOWN

13 DISPOSAL CONSIDERATIONS

IN ACCORDANCE TO APPLICABLE FEDERAL STATE AND LOCAL REGULATIONS
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14 TRANSPORT INFORMATION

REFER TO BILL OF LADING OR CONTAINER LABEL

15 REGULATORY INFORMATION

USA (TSCA), CANADA (DSL)

16 OTHER INFORMATION

PRECAUTIONARY STATEMENTS	WASH AFTER HANDLING	AND KEEP OUT OF REACH OF CHILDREN
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DISCLAIMER OF LIABILITY

One should always use chemicals with an awareness of the potential hazard (known and unknown) of their effect on the human system. We urge users to minimize employee exposure to all chemicals, including this product, and to keep the level of exposure commensurate with good industrial hygiene practices.

The manufacturer and seller warrant that this product conforms to its standard specifications when used according to directions. As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without any warranty, expressed or implied, regarding accuracy of the information. The hazards connected with the use of the material and the results to be obtained from the use thereof.

ND-NOT DETERMINED

NA-NOT APPLICABLE

NE-NOT ESTABLISHED

DATE 06-10-2014 - D-23 BOWL CLEANER
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