

#30930

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M A T E R I A L S A F E T Y D A T A S H E E T

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** MANUFACTURER **

SAVOLITE CORPORATION
1607 Derwent Way
Delta, B.C. V3M 6K8. Canada
(604) 526-5655

** DESTINATION **

MSDS REQUEST
PRINTOUT

BC

SAVOLITE INC.
10848 E Marginal Way
Seattle WA 98168. USA
(206) 763-1340

PRODUCT: INCREDIBOWL
MSDS No: 03175
DATE: 01/31/96
REVISION:
REVISION DATE: 01/26/96

AFTER HOURS EMERGENCY PHONES:
Canada: CANUTECH (613) 996-6666
U.S.A.: CHEMTREC (800) 424-9300

SALES ORDER NO:

01. PRODUCT IDENTIFICATION

PRODUCT NAME: INCREDIBOWL
PRODUCT USE: TUB, TILE AND BOWL CLEANER
WHMIS CODE: E

DOT SHIP NAME: HYDROCHLORIC ACID SOLUTION
DOT HAZ CLASS: CLASS 8(9.2)PACKING GROUP II
DOT ID NUMBER: UN 1789

HMIS DESIGNATION:

HEALTH: 2
FLAMMABILITY: 0
REACTIVITY: 0
PERSONAL-
PROTECTION: C

02. HAZARDOUS INGREDIENTS

INGREDIENT	OSHA PEL	ACGIH TLV	CAS NUMBER	RANGE %
HYDROCHLORIC ACID	N/A	7 ppm	7647-01-0	5.0- 10.0

The above item is reported per 40 CFR 372, Section 313 of
Emergency Planning & Community Right-To-Know Act of 1986.

LD50 (oral rat) 900 MG/KG
LD50 (dermal) NOT AVAILABLE
LC50 767 ppm

OXALIC ACID	1 ppm	1 ppm	144-62-7	1.5- 5.0
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LD50 (oral rat) 375 mg/kg
LD50 (dermal) 20000 mg/kg
LC50 NOT AVAILABLE

03. PHYSICAL DATA

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03. PHYSICAL DATA

(CONTINUED)

Boiling Point: SIMILAR TO WATER
Specific Gravity (H₂O = 1): 1.061
Vapor Pressure (mm Hg): SIMILAR TO WATER
Melting Point: LIQUID
Vapor Density (AIR = 1): SIMILAR TO WATER
Solubility in Water: SOLUBLE
Odour Threshold: NO DATA
Coeff Water/Oil Dist: GREATER THAN 1.0
pH: ACIDIC
Evaporation Rate (Butyl Acetate = 1): SIMILAR TO WATER
Appearance & Odor: CLEAR BLUE LIQUID WITH ALDHYDE ODOR

04. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT 'C (CLOSED CUP):
NONE TO BOILING

EXTINGUISHER MEDIA:
PRODUCT NOT FLAMMABLE

SPECIAL FIRE FIGHTING PROCEDURES:
NONE

UNUSUAL FIRE OR EXPLOSION HAZARD:
NONE

FLAMMABLE LIMITS:
NOT KNOWN

AUTO-IGNITION TEMPERATURE:
NOT KNOWN

CONDITIONS OF FLAMMABILITY
NONE

EXPLOSION DATA:

SENSITIVITY TO MECHANICAL IMPACT:
NONE

SENSITIVITY TO STATIC DISCHARGE
NONE

05. REACTIVITY DATA

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05. REACTIVITY DATA

(CONTINUED)

STABILITY:
STABLE

INCOMPATIBILITY (Materials to Avoid):
ALKALINE PRODUCTS OR LIQUIDS

HAZARDOUS DECOMPOSITION PRODUCT:
FLAMMABLE HYDROGEN MAY BE PRODUCED ON CONTACT WITH SOME METALS

HAZARDOUS POLYMERIZATION:
WILL NOT OCCUR

06. TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY INFORMATION:

SKIN CONTACT:
CONTACT WITH UNDILUTED PRODUCT WILL CAUSE SKIN DAMAGE

SKIN ABSORPTION:
NONE

EYE CONTACT:
CONTACT WITH UNDILUTED PRODUCT WILL CAUSE DAMAGE TO EYES

INHALATION - ACUTE:
INHALATION OF AIRBORNE PARTICLES WILL BE IRRITATING TO LUNGS.

INHALATION - CHRONIC:
INHALATION OF AIRBORNE PARTICLES OF PRODUCT WILL BE CORROSIVE TO LUNGS

INGESTION:
INGESTION OF UNDILUTED PRODUCT WILL BE CORROSIVE TO DIGESTIVE TRACT.

IRRITANCY: -
MAY CAUSE EYE OR SKIN IRRITATION BUT THIS PRODUCT IS NOT CONSIDERED
TO BE AN IRRITANT UNDER WHMIS CRITERIA.

EFFECTS OF ACCUTE EXPOSURE TO PRODUCT:
CORROSIVE: CAUSES DAMAGE TO EYES AND SKIN IN CONCENTRATED FORM.

EFFECT OF CHRONIC EXPOSURE TO PRODUCT:
REPEATED EXPOSURE TO CONCENTRATED PRODUCT WILL CAUSE SKIN DAMAGE.

SENSITIZATION TO PRODUCT:

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06. TOXICOLOGICAL PROPERTIES

(CONTINUED)

NO DATA

CARCINOGENICITY:
NONE KNOWN

REPRODUCTIVE TOXICITY:
NONE KNOWN

TERATOGENICITY:
NONE KNOWN

MUTAGENICITY:
NONE KNOWN

Name of Toxicologically Synergistic Product:
NONE KNOWN

07. PREVENTIVE MEASURES

RESPIRATORY PROTECTION:
USE RESPIRATOR WHEN WORKING WITH CONCENTRATED LIQUID. AVOID
INHALATION OF ACID MIST.

VENTILATION:
USE WITH ADEQUATE VENTILATION

PROTECTIVE GLOVES:
USE RUBBER OR PLASTIC GLOVES AS REQUIRED

EYE PROTECTION:
PROTECT EYES FROM SPLASHES WITH GOGGLES OR FACE SHIELD

DISPOSAL PROCEDURES FOR SPILLS OR LEAKS:
ABSORB SPILLS INTO SAND OR ABSORBENT SWEEPING COMPOUND.

WASTE DISPOSAL METHOD:
HAUL ABSORBED MATERIAL TO SUITABLE WASTE DISPOSAL SITE, DISPOSE OF
IN ACCORDANCE WITH ALL LOCAL, PROVINCIAL OR FEDERAL REGULATIONS.

OTHER PRECAUTIONS:
KEEP CONTAINER CLOSED WHEN NOT IN USE. STORE UPRIGHT IN ORIGINAL
CONTAINER. PRODUCT WILL CORRODE METALS. DO NOT MIX WITH ANY OTHER
CHEMICALS. KEEP FROM FREEZING.

08. FIRST AID PROCEDURES

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08. FIRST AID PROCEDURES

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FIRST AID PROCEDURES:

IF SWALLOWED GIVE PLENTY OF WATER TO DRINK. DO NOT INDUCE VOMITING.
CALL A PHYSICIAN. IN CASE OF CONTACT WITH SKIN OR EYES, FLUSH WITH
CLEAN WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.

09. PREPARATION DATA

PREPARED BY:

PREPARED BY TECHNICAL ADVISORY SERVICES. PHONE (604) 526-5655
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