

SAFETY DATA SHEET

1 PRODUCT IDENTIFICATION



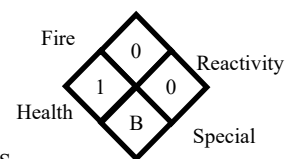
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HAZARD RATING
4=EXTREME
3=HIGH
2=MODERATE
1=SLIGHT
0=INSIGNIFICANT
B=GOGGLES & GLOVES



CHEMICAL NAME SYNONYMS

CHEMICAL FAMILY SOLUTION

TRADE NAME SYNONYMS

S-38B GLASS AND HARD SURFACE CLEANER

1-410-325-5040

2 HAZARDS IDENTIFICATION

HEALTH HAZARD DATA: GHS Classification:



Signal word: Warning: Irritant, harmful if swallowed.

ROUTES OF EXPOSURE

INHALATION

IRRITANT

SKIN ABSORPTION

MAY BE TOXIC BY SKIN ABSORPTION

INGESTION

MAY CAUSE NAUSEA

SKIN CONTACT

IRRITATING

EYE CONTACT

IRRITATING

3 COMPOSITION/INFORMATION ON INGREDIENTS

MATERIAL OR COMPONENT

%

CAS NUMBER

2-PROPANOL

1-9

67-63-0

2-BUTOXYETHANOL

2-6

111-36-2

AQUA AMMONIA

1-5

1336-21-6

4 FIRST AID MEASURES

EFFECTS OF OVEREXPOSURE

ACUTE OVEREXPOSURE

UNKNOWN

CHRONIC OVEREXPOSURE

UNKNOWN

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 AND CALL A PHYSICIAN

INGESTION

DO NOT INDUCE VOMITING. CALL A PHYSICIAN

NOTES TO PHYSICIAN

5 FIRE FIGHTING MEASURES

FLASH POINT (TEST METHOD)

N/A

AUTOIGNITION TEMPERATURE

N/A

FLAMMABLE LIMITS IN AIR % BY VOL

LOWER

N/A

UPPER

N/A

EXTINGUISHING MEDIA

CO2, DRY CHEMICAL, ALCOHOL TYPE FOAMS

SPECIAL FIRE

FIGHTING PROCEDURES

N/A

UNUSUAL FIRE AND

EXPLOSION HAZARD

HEATED VAPORS MAY IGNITE

6 ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: MAY BE DILUTED WITH WATER AND FLUSH DOWN SEWER IF PERMITTED BY FEDERAL, STATE AND LOCAL REGULATIONS.

NEUTRALIZING CHEMICALS NOT REQUIRED:

WASTE DISPOSAL METHOD: IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS

7 HANDLING & STORAGE

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

STORAGE PROCEDURES:

STORE IN A COOL DRY WELL VENTILATED AREA AVOID FREEZING OR EXCESSIVE HEAT

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

SPECIFIC PERSONAL PROTECTIVE EQUIPMENT NONE

RESPIRATORY (SPECIFY IN DETAIL) NONE

EYE GOGGLES GLOVES RUBBER

OTHER CLOTHING AND EQUIPMENT NONE

9 PHYSICAL DATA

BOILING POINT 760 MM HG 100°C MELTING POINT O°C pH: 10

SPECIFIC GRAVITY 1 VAPOR PRESSURE SIMILAR TO WATER

VAPOR DENSITY (AIR=1) N/A SOLUBILITY IN H₂O % BY WT COMPLETE

% VOLATILES BY WT 100 EVAPORATION RATE (BUTYL ACETATE=1) APPROX=WATER

APPEARANCE AND ODOR CLEAR BLUE LIQUID SLIGHT AMMONIA ODOR

10 STABILITY & REACTIVITY

CONDITIONS CONTRIBUTING TO INSTABILITY NONE

INCOMPATIBILITY ACIDS

HAZARDOUS DECOMPOSITION PRODUCTS ACRID FUMES IF HEATED TO DECOMPOSITION

CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION NONE

11 TOXICOLOGICAL INFORMATION

NONE KNOWN

12 ECOLOGICAL INFORMATION

NONE KNOWN

13 DISPOSAL CONSIDERATIONS

IN ACCORDANCE TO APPLICABLE FEDERAL STATE AND LOCAL REGULATIONS

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

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 - S-38B GLASS AND HARD SURFACE CLEANER