

## 1. IDENTIFICATION

**PRODUCT NAME: MIXMATE A GLASS CLEANER (GLASS CLEANER)**  
**RECOMMENDED USE: GLASS & WINDOW CLEANER**  
**RESTRICTIONS ON USE: DO NOT USE IN A MANNER INCONSISTENT WITH THE LABEL.**  
**LABEL BRAND: U S CHEMICAL**  
**SDS 100673      CODE 063049, 4378692**

**U S CHEMICAL**                      316 HART STREET                      WATERTOWN, WI 53094 USA  
**MEDICAL EMERGENCY:**      1-866-923-4913 USA  
**SPILL EMERGENCY:**            1-800-424-9300 USA  
**PRODUCT INFORMATION:**    1-800-558-9566 USA            (8 A.M. TO 5 P.M. CST MONDAY TO FRIDAY)  
**INTERNET ADDRESS:**            WWW.USCHEMICAL.COM

## 2. HAZARD(S) IDENTIFICATION

**CLASSIFICATION: FLAMMABLE LIQUIDS (CATEGORY 3),  
 EYE IRRITATION (CATEGORY 2A), SKIN IRRITATION (CATEGORY 2)**

**LABEL ELEMENTS**

**SIGNAL WORD: WARNING**

**PICTOGRAMS: FLAME, EXCLAMATION MARK**



**HAZARD STATEMENTS: FLAMMABLE LIQUID AND VAPOR.**

**CAUSES SERIOUS EYE IRRITATION AND SKIN IRRITATION.**

**PRECAUTIONARY STATEMENTS:** Wear chemical-splash goggles and chemical-resistant protective gloves. Avoid contact with eyes, skin, and clothing. Wash hands and affected areas thoroughly after handling. Keep away from heat, sparks, open flames and hot surfaces. No smoking. Use only non-sparking tools. Take precautionary measures against static discharge. Keep container tightly closed.

**FIRST AID: IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. If eye irritation persists, get medical attention. **IF ON SKIN (OR HAIR):** Take off immediately all contaminated clothing. Rinse skin with water for at least 15 minutes. If skin irritation occurs and persists, get medical attention. Wash contaminated clothing before reuse.

**IF SWALLOWED:** Rinse mouth. If conscious, dilute by drinking up to a cupful of milk or water as tolerated.

**EMERGENCY TELEPHONE: 1-866-923-4913**

**Storage:** Store in a well-ventilated place. Keep cool.

**Disposal:** Dispose of contents in accordance with all federal, state and local applicable laws and regulations.

**KEEP OUT OF REACH OF CHILDREN. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.**

**HAZARDS NOT OTHERWISE CLASSIFIED:** Not applicable.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT(S)	CAS #	WEIGHT %
2-BUTOXYETHANOL	111-76-2	14.0
ISOPROPYL ALCOHOL	67-63-0	7.0

**STATE RIGHT TO KNOW: SEE SECTION 15 FOR STATE RTK CHEMICAL NAMES IN MIXTURE.**  
**INGREDIENT DISCLOSURE: FOR MORE INGREDIENT INFORMATION VISIT [www.uschemical.com](http://www.uschemical.com)**

#### 4. FIRST-AID MEASURES

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**IF IN EYES:** RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING FOR AT LEAST 15 MINUTES. IF EYE IRRITATION PERSISTS, GET MEDICAL ATTENTION.

**IF ON SKIN (OR HAIR):** TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER FOR AT LEAST 15 MINUTES. IF SKIN IRRITATION OCCURS AND PERSISTS, GET MEDICAL ATTENTION. WASH CONTAMINATED CLOTHING BEFORE REUSE.

**IF SWALLOWED:** RINSE MOUTH. IF CONSCIOUS, DILUTE BY DRINKING UP TO A CUPFUL OF MILK OR WATER AS TOLERATED.

**IF INHALED:** NO SPECIFIC FIRST AID MEASURES ARE REQUIRED.

**EMERGENCY TELEPHONE: 1-866-923-4913**

**MOST IMPORTANT SYMPTOMS / EFFECTS:** CAUSES SERIOUS EYE IRRITATION AND SKIN IRRITATION.

**MEDICAL CONDITIONS AGGRAVATED:** NONE KNOWN.

**NOTE TO PHYSICIAN:** CALL 1-866-923-4913 FOR EXPOSURE MANAGEMENT ASSISTANCE.

#### 5. FIRE-FIGHTING MEASURES

**CHEMICAL HAZARDS:** SERIOUS EYE IRRITATION AND SKIN IRRITATION. FLAMMABLE. ALTHOUGH THIS PRODUCT HAS A FLASH POINT BELOW 200°F, IT IS AN AQUEOUS SOLUTION WHICH HAS BEEN TESTED AND SHOWN NOT TO SUSTAIN COMBUSTION.

**COMBUSTION PRODUCT HAZARDS:** OXIDES OF CARBON AND OTHER FUMES.

**METHODS:** SELECT EXTINGUISHER AND METHODS BASED ON FIRE SIZE AND TYPE.

**EQUIPMENT:** WEAR SCBA AND FULL PROTECTIVE GEAR AS CONDITIONS WARRANT.

**NFPA RATING:** HEALTH-2/FLAMMABILITY-1/ INSTABILITY-0/SPECIAL HAZARD-N.AP.

**SUITABLE EXTINGUISHERS:** WATER, DRY CHEMICAL, CO2 OR FOAM SUITABLE FOR FIRE.

**UNSUITABLE EXTINGUISHERS:** NO RESTRICTIONS BASED ON CHEMICAL HAZARDS.

#### 6. ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS:** ELIMINATE ALL IGNITION SOURCES.

EVACUATE UNPROTECTED PERSONNEL FROM AREA. WEAR PERSONAL PROTECTION. RUBBER BOOTS RECOMMENDED. SEE SECTION 8. VENTILATE AREA IF NEEDED. BE CAREFUL NOT TO SLIP. WASH THOROUGHLY AFTER CLEAN-UP.

**ENVIRONMENTAL PRECAUTIONS:** PREVENT SPILL FROM ENTERING DRAIN, STORM SEWER OR SURFACE WATERWAY. PREVENT WATER AND SOIL CONTAMINATION.

**CLEAN-UP METHODS:** ELIMINATE ALL IGNITION SOURCES. SMALL SPILLS MAY BE WIPED UP AND RINSED WITH WATER. FOR LARGER SPILLS, DIKE TO CONTAIN. PUMP TO LABELED CONTAINER OR ABSORB SPILLAGE AND SCOOP UP WITH INERT ABSORBENT MATERIAL. AFTER SPILL COLLECTION, RINSE AREA WITH WATER AND FOLLOW WITH NORMAL CLEAN-UP PROCEDURES.

#### 7. HANDLING AND STORAGE

**HANDLING:** FOLLOW ALL LABEL DIRECTIONS. INSTRUCT PERSONNEL ABOUT PROPER USE, HAZARDS, PRECAUTIONS, AND FIRST AID MEASURES. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. TAKE OFF CONTAMINATED CLOTHING AND WASH IT BEFORE REUSE. DO NOT TASTE OR SWALLOW. PRODUCT RESIDUE MAY REMAIN ON OR IN EMPTY CONTAINERS. HANDLE CAREFULLY TO AVOID DAMAGING CONTAINER.

**STORAGE:** KEEP CONTAINER CLOSED WHEN NOT IN USE. STORE IN A WELL-VENTILATED PLACE. KEEP AWAY FROM HEAT, SPARK AND FLAME. STORAGE AT AMBIENT TEMPERATURES IN A DRY AREA OUT OF DIRECT SUNLIGHT. PROTECT FROM FREEZING. ROTATE STOCK REGULARLY. KEEP AWAY FROM FOOD AND DRINK. KEEP OUT OF REACH OF CHILDREN.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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**EXPOSURE LIMITS:** 2-BUTOXYETHANOL = 20 PPM TWA (ACGIH), 50 PPM TWA-SKIN (OSHA)  
 ISOPROPYL ALCOHOL = 200 PPM TWA, 400 PPM STEL (ACGIH), 400 PPM TWA (OSHA)  
**ENGINEERING CONTROLS:** GENERAL ROOM VENTILATION IS TYPICALLY ADEQUATE.

**PERSONAL PROTECTION**

**EYES:** CHEMICAL-SPLASH SAFETY GOGGLES.

**HANDS:** CHEMICAL-RESISTANT PROTECTIVE GLOVES (NITRILE, NEOPRENE OR RUBBER).

**RESPIRATORY:** PROTECTIVE EQUIPMENT NOT REQUIRED WITH NORMAL USE.

**FEET:** PROTECTIVE EQUIPMENT NOT REQUIRED WITH NORMAL USE.

**BODY:** PROTECTIVE EQUIPMENT NOT REQUIRED WITH NORMAL USE.

**HYGIENE MEASURES:** HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICE. TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING AND WASH IT BEFORE RE-USE. WASH HANDS AND AFFECTED AREAS THOROUGHLY AFTER HANDLING.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** BLUE LIQUID

**ODOR:** SOLVENT

**pH CONCENTRATE:** 11.4

**pH READY-TO-USE:** N.AP.

**pH @ USE DILUTION:** N.AV.

**PHYSICAL STATE:** LIQUID

**RELATIVE DENSITY (WATER):** 1.080

**SOLUBILITY (WATER):** COMPLETE

**VAPOR PRESSURE:** N.AV.

**VAPOR DENSITY:** N. AV.

**VISCOSITY:** NON-VISCOUS

**AUTO-IGNITION TEMPERATURE:** N.AV.

**DECOMPOSITION TEMPERATURE:** N.AV.

**EXPLOSIVE LIMITS (LEL/UEL):** NONE

**EVAPORATION RATE:** N.AV.

**FLAMMABILITY (SOLID, GAS):** N.AP.

**FLASH POINT:** 42.7°C, 109°F TCC

**INITIAL BOILING POINT/RANGE:** N.AV.

**MELTING POINT/FREEZING POINT:** N.AV.

**ODOR THRESHOLD:** N.AV.

**PARTITION COEFF. (N-OCTANOL/WATER):** N.AV.

**OTHER:** N.AV.

**10. STABILITY AND REACTIVITY**

**REACTIVITY:** NO HAZARD.

**CHEMICAL STABILITY:** STABLE.

**POSSIBILITY OF HAZARDOUS REACTIONS:** NONE KNOWN. WILL NOT POLYMERIZE.

**CONDITIONS TO AVOID:** AVOID HEAT, SPARKS, OPEN FLAMES AND HOT SURFACES.

**MATERIALS TO AVOID:** DIRECT MIXING WITH OTHER CHEMICALS. MIX ONLY WITH WATER.

**HAZARDOUS DECOMPOSITION PRODUCTS:** NONE UNDER NORMAL CONDITIONS.

**11. TOXICOLOGICAL INFORMATION**

**ROUTES OF EXPOSURE:** EYES, SKIN, INGESTION, INHALATION.

**INFORMATION ON ROUTES OF EXPOSURE:** NO LC50/LD50 TEST DATA ON MIXTURE.

**ACUTE EFFECTS /SYMPTOMS**

**EYES:** CAUSES SERIOUS EYE IRRITATION. MAY CAUSE PAIN, REDNESS AND WATERING.

**SKIN:** CAUSES SKIN IRRITATION. MAY CAUSE DISCOMFORT, DRYING AND REDNESS.

**INGESTION:** MAY CAUSE IRRITATION, NAUSEA, VOMITING AND DIARRHEA.

**INHALATION:** NONE KNOWN.

**CHRONIC / OTHER EFFECTS:** NO REPORTABLE GERM CELL MUTAGENS, SKIN SENSITIZERS, RESPIRATORY SENSITIZERS, REPRODUCTIVE TOXINS OR ASPIRATION HAZARDS.

**SPECIFIC TARGET ORGANS (SINGLE/REPEATED):** NONE KNOWN.

**NUMERICAL MEASURES OF TOXICITY:** ATEmix (ORAL-RAT) = ABOVE 2000 MG / KG

**CARCINOGENS:** NO REPORTABLE ACGIH, IARC, NTP, OR OSHA CARCINOGENS.

**12. ECOLOGICAL INFORMATION**

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**ECOLOGICAL INFORMATION:** OSHA WILL NOT BE ENFORCING INFORMATION REQUIREMENTS IN SECTION 12, AS THIS AREA IS NOT UNDER ITS JURISDICTION.

**13. DISPOSAL CONSIDERATIONS**

**DISPOSAL METHOD:** UNDILUTED PRODUCT WITH FLASH POINT BELOW 140 F IS REGULATED UNDER ENVIRONMENTAL AND TRANSPORTATION LAWS AS AN IGNITABLE WASTE (RCRA CLASS D001). DISPOSE OF CONTENTS IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL APPLICABLE LAWS AND REGULATIONS. CONSULT STATE AND LOCAL AUTHORITIES FOR RESTRICTIONS ON DISPOSAL OF CHEMICAL WASTE. MANAGE CHEMICAL WASTES THROUGH AN APPROVED WASTE TREATMENT FACILITY. DO NOT REUSE EMPTY CONTAINER. RINSE EMPTY CONTAINER THOROUGHLY WITH WATER BEFORE DISCARDING CONTAINER IN ACCORDANCE WITH CURRENT LOCAL COMMUNITY CODES. PLEASE RECYCLE EMPTY CONTAINER WHENEVER POSSIBLE. SEE SECTION 8 FOR EXPOSURE CONTROLS/PERSONAL PROTECTION TO MINIMIZE EXPOSURE.

**14. TRANSPORT INFORMATION**

**DOT / IMDG / IATA / TDG:** NOT REGULATED

**15. REGULATORY INFORMATION**

**EPA CERCLA RQ:** NO  
**EPA REGISTERED:** NO  
**OSHA HAZARDOUS:** YES. SEE SECTION 8 TO MINIMIZE EXPOSURE.  
**PHOSPHORUS CONTENT:** 0.00%  
**PROPOSITION 65:** NO  
**SARA 311/312 HAZARD CATEGORIES:** SEE SECTION 2 FOR GHS HAZARD CLASSES.  
**SARA 313 CHEMICALS:** 2-BUTOXYETHANOL  
**STATE RIGHT TO KNOW:** WATER/7732-18-5, 2-BUTOXYETHANOL/111-76-2, ISOPROPYL ALCOHOL/67-63-0, TETRASODIUM EDTA/64-02-8  
**TSCA INVENTORY STATUS:** ALL COMPONENTS ARE LISTED ON THE INVENTORY.  
**USE DILUTION:** SEE LABEL. NO PPE OR SDS REQUIRED AT PROPER LABEL USE DILUTIONS.  
**VOC:** 21.00% CALCULATION METHOD USED IS BASED ON CALIFORNIA ARB STANDARD.

**16. OTHER INFORMATION**

**PREPARATION DATE:** 1-9-21    **PREPARED BY:** RC    **REVISED SECTION:** 16  
**ABBREVIATIONS:** N.AV. = NOT AVAILABLE    N.AP. = NOT APPLICABLE

**NOTICE TO READER**

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