

## 1. IDENTIFICATION

**PRODUCT NAME: PERSONAL HYGIENE SYSTEM CLEAR**  
**RECOMMENDED USE: PERSONAL CARE INSTANT HAND SANITIZER**  
**RESTRICTIONS ON USE: DO NOT USE IN A MANNER INCONSISTENT WITH THE LABEL.**  
**LABEL BRAND: U S CHEMICAL**  
**SDS 101040P      CODE 064704**

**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 2B)



### LABEL ELEMENTS

**SIGNAL WORD: WARNING**

**PICTOGRAMS: FLAME**

**HAZARD STATEMENTS: FLAMMABLE LIQUID AND VAPOR. CAUSES EYE IRRITATION.**

**PRECAUTIONARY STATEMENTS:** Keep away from heat, sparks, open flames and hot surfaces. No smoking. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid contact with eyes, body skin (not hand) and clothing. 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. If eye irritation persists, get medical attention.

**IF ON SKIN (OR HAIR):** Take off immediately all contaminated clothing. Rinse skin with water.

**In Case of Fire:** Use dry chemical, carbon dioxide or alcohol-resistant foam for extinction.

**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.

**HAZARDS NOT OTHERWISE CLASSIFIED:** None.

### SUPPLEMENTAL INFORMATION

**WARNINGS:** Flammable. Keep away from fire or flame. For external use only. Avoid contact with eyes. If case of contact, flush with plenty of water. Stop use and ask a doctor if irritation or rash appears and persists. Keep out of reach of children. If swallowed, get medical help or contact a Poison Control Center right away.

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

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT(S)	CAS #	VOLUME %
ETHYL ALCOHOL	64-17-5	62.0
INGREDIENT STATEMENT: ACTIVE INGREDIENT: ETHYL ALCOHOL 62% v/v INACTIVE INGREDIENTS: WATER, GLYCERIN, PROPYLENE GLYCOL, ISOPROPYL MYRISTATE, ALOE BARBADENSIS LEAF JUICE, TOCOPHERYL ACETATE (VITAMIN E), CARBOMER, AMINOMETHYL PROPANOL		

#### 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. IF EYE IRRITATION PERSISTS, GET MEDICAL ATTENTION.

**IF ON SKIN (OR HAIR):** TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER.

**IF SWALLOWED:** GET MEDICAL HELP OR CONTACT A POISON CONTROL CENTER RIGHT AWAY.

**IF INHALED:** GET MEDICAL ATTENTION IF SYMPTOMS OCCUR.

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

**MOST IMPORTANT SYMPTOMS / EFFECTS:** CAUSES EYE IRRITATION.

**MEDICAL CONDITIONS AGGRAVATED:** NONE KNOWN.

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

#### 5. FIRE-FIGHTING MEASURES

**CHEMICAL HAZARDS:** FLAMMABLE. THIS PRODUCT WILL 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-1/FLAMMABILITY-3/ INSTABILITY-0/SPECIAL HAZARD-N.AP.

**SUITABLE EXTINGUISHERS:** DRY CHEMICAL, CO<sub>2</sub>, OR ALCOHOL-RESISTANT FOAM.

**UNSUITABLE EXTINGUISHERS:** DO NOT USE STRAIGHT STREAMS OF WATER FOR CLASS B (LIQUID) FIRES. USE OF WATER SPRAY WHEN FIGHTING FIRE MAY BE INEFFICIENT.

#### 6. ACCIDENTAL RELEASE MEASURES

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

EVACUATE UNPROTECTED PERSONNEL FROM AREA. WEAR PERSONAL PROTECTION.

SEE SECTION 8. RUBBER BOOTS RECOMMENDED. VENTILATE AREA IF NEEDED.

BE CAREFUL AS SPILLS ARE SLIPPERY. WASH THOROUGHLY AFTER CLEAN-UP.

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

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

**CLEAN-UP METHODS:** ELIMINATE ALL IGNITION SOURCES. STOP LEAK IF YOU CAN DO SO WITHOUT RISK. 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 INGESTION AND CONTACT WITH EYES. DO NOT TASTE OR SWALLOW. PRODUCT RESIDUE MAY REMAIN ON OR IN EMPTY CONTAINERS. HANDLE CAREFULLY TO AVOID DAMAGING CONTAINER.

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

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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**EXPOSURE LIMITS:** ETHYL ALCOHOL = 1000 PPM TWA (ACGIH/OSHA)**ENGINEERING CONTROLS:** GENERAL ROOM VENTILATION IS TYPICALLY ADEQUATE.**PERSONAL PROTECTION****EYES:** PROTECTIVE EQUIPMENT NOT REQUIRED WITH NORMAL USE.**HANDS:** PROTECTIVE EQUIPMENT NOT REQUIRED WITH NORMAL USE.**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 HYGIENE AND SAFETY PRACTICE.**9. PHYSICAL AND CHEMICAL PROPERTIES****APPEARANCE:** COLORLESS LIQUID**ODOR:** ALCOHOL**pH CONCENTRATE:** 7.5**pH @ 2500 PPM SOLUTION:** N.AV.**pH @ USE DILUTION:** N.AV.**PHYSICAL STATE:** LIQUID**RELATIVE DENSITY (WATER):** 0.894**SOLUBILITY (WATER):** COMPLETE**VAPOR PRESSURE:** N.AV.**VAPOR DENSITY:** N. AV.**VISCOSITY:** VISCOUS GEL**AUTO-IGNITION TEMPERATURE:** N.AV.**DECOMPOSITION TEMPERATURE:** N.AV.**EXPLOSIVE LIMITS (LEL/UEL):** N.AP.**EVAPORATION RATE:** N.AV.**FLAMMABILITY (SOLID, GAS):** N.AP.**FLASH POINT:** 23°C, 73.4°F TCC**INITIAL BOILING POINT/RANGE:** 80°C, 176°F**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:** SEE REACTIVITY. WILL NOT POLYMERIZE.**CONDITIONS TO AVOID:** AVOID HEAT, SPARKS, OPEN FLAMES AND HOT SURFACES.**MATERIALS TO AVOID:** AVOID MIXING DIRECTLY WITH ANY OTHER CLEANING PRODUCT.**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 EYE IRRITATION. MAY CAUSE DISCOMFORT, REDNESS AND WATERING.**SKIN:** NO ADVERSE EFFECTS WITH NORMAL USE.**INGESTION:** MAY CAUSE ABDOMINAL DISCOMFORT, 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) = 7060 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.

**14. TRANSPORT INFORMATION**

**DOT / TDG:** UN1170, ETHYL ALCOHOL SOLUTIONS, 3, III, LTD. QTY.

**IMDG:** UN1170, ETHYL ALCOHOL SOLUTIONS, 3, III, LTD. QTY. (23°C(CC))

**15. REGULATORY INFORMATION**

**EPA CERCLA RQ:** NO

**EPA REGISTERED:** NO

**FDA REGULATED:** YES (OTC DRUG)

**OSHA HAZARDOUS:** YES

**PHOSPHORUS CONTENT:** 0.00%

**PROPOSITION 65:** NO

**SARA 311/312 HAZARD CATEGORIES:** SEE SECTION 2 FOR GHS HAZARD CLASSES.

**SARA 313 CHEMICALS:** NO

**STATE RIGHT TO KNOW:** SEE SECTION 3 FOR INGREDIENT STATEMENT.

**TSCA INVENTORY STATUS:** ALL COMPONENTS ARE LISTED ON THE INVENTORY.

**VOC:** 62.00% CALCULATION METHOD USED IS BASED ON CALIFORNIA ARB STANDARD.

**16. OTHER INFORMATION**

**PREPARATION DATE:** 9-9-19 **PREPARED BY:** RC **REVISED SECTION:** 16

**ABBREVIATIONS:** N.AV. = NOT AVAILABLE      N.AP. = NOT APPLICABLE

**NOTICE TO READER**

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