

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. Keep container tightly closed. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid contact with eyes, body skin (not hand) and clothing.

FIRST AID: IF IN EYES: Flush with plenty of water. If irritation occurs and persists, get medical attention. **IF ON SKIN (OR HAIR):** Take off immediately all contaminated clothing. Rinse skin with water for at least 15 minutes. Wash contaminated clothing before reuse.

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, TOCOPHERYL ACETATE (VITAMIN E), CARBOMER, AMINOMETHYL PROPANOL		

4. FIRST-AID MEASURES

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IF IN EYES: FLUSH WITH PLENTY OF WATER. IF IRRITATION OCCURS AND PERSISTS, GET MEDICAL ATTENTION.

IF ON SKIN (OR HAIR): TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER FOR AT LEAST 15 MINUTES. WASH CONTAMINATED CLOTHING BEFORE REUSE.

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

IF INHALED: NO SPECIFIC FIRST AID MEASURES ARE REQUIRED.

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, CO₂, 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 PROPER PROTECTIVE EQUIPMENT INCLUDING RUBBER BOOTS. 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:** NONE REQUIRED. GENERAL ROOM VENTILATION IS ADEQUATE.**PERSONAL PROTECTION****EYES:** NONE REQUIRED WITH NORMAL USE.**HANDS:** N.AP.**RESPIRATORY:** N.AP.**FEET:** N.AP.**BODY:** N.AP.**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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ECOTOXICITY / CHEMICAL FATE: NOT AVAILABLE**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 HAZARDS:** ACUTE, FIRE**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:** 5-5-14 **PREPARED BY:** RC **REVISED SECTION:** 16**ABBREVIATIONS:** N.AV. = NOT AVAILABLE N.AP. = NOT APPLICABLE**NOTICE TO READER**

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