

1. IDENTIFICATION

PRODUCT NAME: LEMON CLEANER DISINFECTANT
RECOMMENDED USE: QUAT DISINFECTANT
RESTRICTIONS ON USE: IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.
LABEL BRAND: U S CHEMICAL
SDS 100521L CODE 057668

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: EYE DAMAGE(CATEGORY 1)

LABEL ELEMENTS

SIGNAL WORD: DANGER

PICTOGRAMS: CORROSION



HAZARD STATEMENTS: CAUSES SERIOUS EYE DAMAGE.

PRECAUTIONARY STATEMENTS: Wear chemical-splash safety goggles, face shield or safety glasses. Avoid contact with eyes, skin and clothing. Avoid breathing vapors or spray mists. Wash hands and affected areas thoroughly after handling.

FIRST AID: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. **IF ON SKIN:** Wash with plenty of water. If skin irritation occurs, get medical attention. Take off contaminated clothing and wash it before reuse.

START FIRST AID. IMMEDIATELY CALL A POISON CENTER OR DOCTOR.

EMERGENCY TELEPHONE: 1-866-923-4913

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 %
DIDECYL DIMETHYL AMMONIUM CHLORIDE	7173-51-5	2.54
N-ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE	68424-85-1	1.69

STATE RIGHT TO KNOW: EPA EXEMPT MIXTURE

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. IMMEDIATELY CALL A POISON CENTER OR DOCTOR. **IF ON SKIN OR CLOTHING:** WASH WITH PLENTY OF WATER. IF SKIN IRRITATION OCCURS, GET MEDICAL ATTENTION. TAKE OFF CONTAMINATED CLOTHING AND WASH IT BEFORE REUSE. **IF SWALLOWED:** CALL A POISON CENTER OR DOCTOR IMMEDIATELY FOR TREATMENT ADVICE. **IF INHALED:** MOVE PERSON TO FRESH AIR. IF PERSON IS NOT BREATHING, CALL 911 OR AN AMBULANCE, THEN GIVE ARTIFICIAL RESPIRATION, PREFERABLY BY MOUTH-TO MOUTH, IF POSSIBLE. CALL A POISON CENTER OR DOCTOR FOR TREATMENT ADVICE. HAVE THE PRODUCT CONTAINER OR LABEL WITH YOU WHEN CALLING A DOCTOR OR GOING FOR TREATMENT.

START FIRST AID. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.

EMERGENCY TELEPHONE: 1-866-923-4913

MOST IMPORTANT SYMPTOMS / EFFECTS: CAUSES SERIOUS EYE DAMAGE. MAY CAUSE BLINDNESS WITHOUT IMMEDIATE FIRST AID.

MEDICAL CONDITIONS AGGRAVATED: NONE KNOWN.

NOTE TO PHYSICIAN: CALL 1-866-923-4913 FOR EXPOSURE MANAGEMENT ASSISTANCE. PROBABLE MUCOSAL DAMAGE MAY CONTRAINDICATE THE USE OF GASTRIC LAVAGE.

5. FIRE-FIGHTING MEASURES

CHEMICAL HAZARDS: EYE CORROSIVE AND SKIN IRRITANT. NON-FLAMMABLE.

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-3/FLAMMABILITY-0/ 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: EVACUATE UNPROTECTED PERSONNEL FROM AREA. WEAR PERSONAL PROTECTION. SEE SECTION 8. PROTECTIVE FOOTWEAR RECOMMENDED DURING SPILL CLEAN-UP. 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: 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 INHALATION, INGESTION, AND CONTACT WITH SKIN, EYES AND CLOTHING. AVOID BREATHING VAPOR OR SPRAY MIST. DO NOT TASTE OR SWALLOW. REMOVE AND WASH CONTAMINATED CLOTHING AND FOOTWEAR BEFORE REUSE. PRODUCT RESIDUE MAY REMAIN IN EMPTY CONTAINERS. HANDLE CAREFULLY TO AVOID DAMAGING CONTAINER.

STORAGE: KEEP CONTAINER TIGHTLY CLOSED. STORE 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: DIDECYL DIMETHYL AMMONIUM CHLORIDE = NONE
 N-ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE = NONE
ENGINEERING CONTROLS: GENERAL ROOM VENTILATION IS ADEQUATE.

PERSONAL PROTECTION

EYES: CHEMICAL-SPLASH SAFETY GOGGLES, FACE SHIELD OR SAFETY GLASSES.
HANDS: PROTECTIVE EQUIPMENT NOT REQUIRED.
RESPIRATORY: PROTECTIVE EQUIPMENT NOT REQUIRED.
BODY/ FEET: PROTECTIVE EQUIPMENT NOT REQUIRED.
HYGIENE MEASURES: PROVIDE SUITABLE FACILITIES FOR QUICK DRENCHING OR FLUSHING OF THE EYES IN CASE OF CONTACT. TAKE OFF CONTAMINATED CLOTHING AND WASH IT BEFORE REUSE. WASH CONTAMINATED PERSONAL PROTECTIVE EQUIPMENT BEFORE REUSE. AVOID CONTACT WITH EYES, SKIN AND CLOTHING.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: YELLOW LIQUID	AUTO-IGNITION TEMPERATURE: N.AV.
ODOR: LEMON	DECOMPOSITION TEMPERATURE: N.AV.
pH CONCENTRATE: 7.8	EXPLOSIVE LIMITS (LEL/UEL): NONE
pH @ 2500 PPM SOLUTION: N.AV.	EVAPORATION RATE: N.AV.
pH @ USE DILUTION: N.AV.	FLAMMABILITY (SOLID, GAS): N.AP.
PHYSICAL STATE: LIQUID	FLASH POINT: NONE
RELATIVE DENSITY (WATER): 1.000	INITIAL BOILING POINT/RANGE: N.AV.
SOLUBILITY (WATER): COMPLETE	MELTING POINT/FREEZING POINT: N.AV.
VAPOR PRESSURE: N.AV.	ODOR THRESHOLD: N.AV.
VAPOR DENSITY: N. AV.	PARTITION COEFF. (N-OCTANOL/WATER): N.AV
VISCOSITY: NON-VISCOUS	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: TEMPERATURES BELOW 35°F (1.6°C) OR ABOVE 120°F (49°C).
MATERIALS TO AVOID: ANIONIC SOAPS AND 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 DAMAGE. MAY CAUSE PAIN, REDNESS AND WATERING.
SKIN: CAUSES MILD SKIN IRRITATION. MAY CAUSE DRY SKIN.
INGESTION: CAUSES IRRITATION TO MOUTH, THROAT AND STOMACH.
INHALATION: CAUSES IRRITATION TO NOSE, THROAT AND RESPIRATORY SYSTEM.
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) = ABOVE 5000 MG / KG
 ATEmix (DERMAL) = ABOVE 5000 MG / KG
CARCINOGENS: NO REPORTABLE ACGIH, IARC, NTP, OR OSHA CARCINOGENS.

12. ECOLOGICAL INFORMATION

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ENVIRONMENTAL HAZARDS: (for containers of 5 gallons or more) Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of contents in accordance with all federal, state, and local applicable laws and regulations. to minimize exposure, refer to section 8 for exposure controls/personal protection. **Following is the EPA pesticide label disposal information: STORAGE AND DISPOSAL:** Do not contaminate water, food or feed by storage or disposal. **PESTICIDE STORAGE:** Open dumping is prohibited. Store in original container in areas inaccessible to children. **PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. **CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Fill container ¼ full with water and reclose the container. Agitate vigorously, and dispose of rinsate consistent with pesticide disposal instructions. Repeat two more times. Then offer for recycling if available or puncture and dispose in sanitary landfill or by other procedures approved by state and local authorities. Follow pesticide disposal instructions for rinsate. If not triple rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state, and federal regulations.

14. TRANSPORT INFORMATION

DOT / IMDG / IATA: NOT REGULATED

15. REGULATORY INFORMATION

EPA CERCLA RQ: N.AP.

EPA REGISTERED: YES (47371-131-7546) This chemical is a pesticide product registered by the environmental protection agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label: **DANGER.** Corrosive. Causes irreversible eye damage. Do not get in eyes or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses). Harmful if inhaled. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

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:** EPA EXEMPT

TSCA INVENTORY STATUS: ALL COMPONENTS ARE LISTED ON THE INVENTORY OR EPA EXEMPT.

USE DILUTION: 1:64 2 OUNCES PER GALLON OF WATER (660 PPM QUAT) IS NOT OSHA HAZARDOUS. PERSONAL PROTECTION NOT REQUIRED WHEN DILUTED AS STATED ON EPA LABEL.

VOC: 0.53% CALCULATION METHOD USED IS BASED ON CALIFORNIA ARB STANDARD.

16. OTHER INFORMATION

PREPARATION DATE: 8-15-19 **PREPARED BY:** RC **REVISED SECTION:** 8
ABBREVIATIONS: N.AV. = NOT AVAILABLE N.AP. = NOT APPLICABLE

NOTICE TO READER

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