

1. IDENTIFICATION

PRODUCT NAME: pH INDICATOR (A1)
RECOMMENDED USE: TEST KIT INDICATOR
RESTRICTIONS ON USE: DO NOT USE IN A MANNER INCONSISTENT WITH THE LABEL.
SDS 4402517 CODE A1 REFILL CODE 4402525

U S CHEMICAL 316 HART STREET WATERTOWN, WI 53094 USA
U S CHEMICAL 3755 LAIRD ROAD MISSISSAUGA, ONTARIO L5L 0B3 CANADA
 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 2),
 EYE IRRITATION (CATEGORY 2B)



LABEL ELEMENTS

SIGNAL WORD: DANGER

PICTOGRAMS: FLAME

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

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

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. 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

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.

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

HEALTH HAZARDS NOT OTHERWISE CLASSIFIED: Not applicable.

PHYSICAL HAZARDS NOT OTHERWISE CLASSIFIED: Not applicable.

3. COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT(S)	CAS #	VOLUME %
ISOPROPYL ALCOHOL	67-63-0	50.0
PHENOLPHTHALEIN	77-09-8	0.05

STATE RIGHT TO KNOW: SEE SECTION 15 FOR STATE RTK CHEMICAL NAMES IN 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 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. 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: REMOVE PERSON TO FRESH AIR AND KEEP COMFORTABLE FOR BREATHING.

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: ISOPROPYL ALCOHOL = 400 PPM TWA, 500 PPM STEL (OSHA PEL / ACGIH TLV)
 PHENOLPHTHALEIN = NONE
ENGINEERING CONTROLS: NONE REQUIRED. GENERAL ROOM VENTILATION IS ADEQUATE.

PERSONAL PROTECTION

EYES: SAFETY GOGGLES (INDIRECT-VENTED OR NON-VENTED) AND AN EYE-WASH STATION.
HANDS: CHEMICAL-RESISTANT PROTECTIVE GLOVES (RUBBER OR NEOPRENE).
RESPIRATORY: NONE REQUIRED WITH NORMAL USE.
FEET: NONE REQUIRED WITH NORMAL USE.
BODY: NONE REQUIRED WITH NORMAL USE.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: GREEN LIQUID	AUTO-IGNITION TEMPERATURE: N.AV.
ODOR: ALCOHOL	DECOMPOSITION TEMPERATURE: N.AV.
pH CONCENTRATE: 7.0	EXPLOSIVE LIMITS (LEL/UEL): N.AP.
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: 18°C, 65°F TCC
RELATIVE DENSITY (WATER): 0.930	INITIAL BOILING POINT/RANGE: 80°C, 176°F
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: 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) = ABOVE 2000 MG / KG
CARCINOGENS: NO REPORTABLE ACGIH, IARC, NTP, OR OSHA CARCINOGENS.
 SEE SECTION 15 PROPOSITION 65 WARNING. PHENOLPHTHALEIN IS BELOW 0.1%.

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:** UN1219, ISOPROPANOL SOLUTION, 3, II, LTD. QTY.**IMDG:** UN1219, ISOPROPANOL SOLUTION, 3, II, LTD. QTY., (18°C(CC))**15. REGULATORY INFORMATION****EPA CERCLA RQ:** NO**EPA REGISTERED:** NO**INVENTORY STATUS (DSL/NDL - CANADA):** ALL COMPONENTS ARE LISTED.**INVENTORY STATUS (TSCA - USA):** ALL COMPONENTS ARE LISTED.**OSHA HAZARDOUS:** YES**PHOSPHORUS CONTENT:** 0.00%**PROPOSITION 65:** WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER. (PHENOLPHTHALEIN)**SARA 311/312 HAZARDS:** ACUTE, FIRE**SARA 313 CHEMICALS:** NO**STATE RIGHT TO KNOW:** WATER/7732-18-5, ISOPROPYL ALCOHOL/67-63-0, PHENOLPHTHALEIN/77-09-8**VOC:** 50.00% CALCULATION METHOD USED IS BASED ON CALIFORNIA ARB STANDARD.**16. OTHER INFORMATION****PREPARATION DATE:** 8-5-15 **PREPARED BY:** RC **REVISED SECTION:** 16**ABBREVIATIONS:** N.AV. = NOT AVAILABLE N.AP. = NOT APPLICABLE**NOTICE TO READER**

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