U S Chemical

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

NAME: MICROTECH SURETY HYDROGEN PEROXIDE G.P. CLEANER
USE: GENERAL PURPOSE CLEANER THIS PRODUCT IS INTENDED TO BE DILUTED PRIOR TO USE.
LABEL BRAND: U S CHEMICAL
MSDS # 5503512M CODE # 5339177

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 (8 A.M. TO 5 P.M. CST MONDAY TO FRIDAY)
INTERNET ADDRESS: WWW.USCHEMICAL.COM
REVIEWED 1-7-12 REVISED 1-7-12 SECTION REVISED: 1

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: CAUTION! CAUSE EYE AND SKIN IRRITATION.

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

POTENTIAL ACUTE HEALTH EFFECTS
EYES: MAY BE MODERATELY IRRITATING TO EYES.

SKIN: MAY BE MODERATELY IRRITATING TO SKIN. TEMORARY WHITENING OF SKIN MAY OCCUR.

INHALATION: MAY BE IRRITATING TO NOSE, THROAT AND RESPIRATORY TRACT.

INGESTION: MAY BE IRRITATING TO MOUTH, THROAT AND STOMACH. MAY CAUSE ABDOMINAL DISCOMFORT, NAUSEA, VOMITING AND DIARRHEA. A SUDDEN RELEASE OF OXYGEN MAY CAUSE INJURY BY DISTENSION OF ESOPHAGUS OR STOMACH.

MEDICAL CONDITIONS AGGRAVATED: PERSONS WITH PRE-EXISTING SKIN DISORDERS MAY BE MORE SUSCEPTABLE TO IRRITATING EFFECTS.

3. COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS #	% BY WT	LC50/LD50
ALCOHOL ETHOXYLATES	68439-46-3	7.0 – 13.0	SEE 11
HYDROGEN PEROXIDE	7722-84-1	1.0 – 5.0	N.AV.

STATE RIGHT TO KNOW: THIS PRODUCT CONTAINS:
WATER/7732-18-5, ALCOHOL ETHOXYLATES/68439-46-3,
HYDROGEN PEROXIDE/7722-84-1, SODIUM XYLENESULFONATE/1300-72-7,
DODECYLBENZENE SULFONIC ACID/68584-22-5

4. FIRST AID MEASURES

EYES: FLUSH IMMEDIATELY WITH PLENTY OF WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.
SKIN: FLUSH IMMEDIATELY WITH PLENTY OF WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.
INHALATION: NO SPECIFIC FIRST AID MEASURES ARE REQUIRED.
INGESTION: DO NOT INDUCE VOMITING. IF PATIENT IS CONSCIOUS AND CAN SWALLOW, ADMINISTER MILK OR WATER.
ADMINISTER FIRST AID TREATMENT AS STATED ABOVE, THEN CALL 1-866-923-4913 OR CONTACT PHYSICIAN FOR FURTHER MEDICAL INSTRUCTIONS.

NOTE TO PHYSICIAN: CALL 1-866-923-4913 FOR ASSISTANCE WITH THE MANAGEMENT OF EXPOSURES.

5. FIRE-FIGHTING MEASURES

FLAMMABILITY: NO HAZARD.
FLASH POINT: N.AP.
PRODUCTS OF COMBUSTION: SEE SECTION 10.
SUITABLE EXTINGUISHING MEDIA: FOR FIRES IN AREA, USE APPROPRIATE MEDIA. FOR EXAMPLE: WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE, OR ALCOHOL FOAM.
SPECIFIC HAZARDS: N.AP.
SPECIFIC METHODS: NORMAL FIRE FIGHTING PROCEDURES MAY BE USED.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: SEE SECTION 8.
SPILL RESPONSE: EVACUATE UNPROTECTED PERSONNEL FROM AREA. ELIMINATE SOURCES OF IGNITION. WEAR PROPER PROTECTIVE EQUIPMENT INCLUDING RUBBER BOOTS. VENTILATE AREA IF NEEDED. STOP LEAK IF YOU CAN DO SO WITHOUT RISK. DIKE OR DAM LARGE SPILLS.
AVOID DIRECT DISCHARGE TO SEWER AND SURFACE WATERS. NEVER EXCEED EXPOSURE LIMIT. NEVER RETURN SPILLED PRODUCT INTO ITS ORIGINAL CONTAINER. NEVER PUT SPILLED MATERIAL INTO ANOTHER CONTAINER FOR DISPOSAL WITHOUT A PRESSURE RELIEF BUNG. STANDARD SPILL ABSORBENT MAY REACT DANGEROUSLY WITH THIS PRODUCT AND IF CONFINED WILL CAUSE A CONTAINER BURST HAZARD. SEEK TRAINED PERSONNEL TO SUPERVISE NEUTRALIZATION AND MANAGEMENT OF SPILL. BE CAREFUL AS SPILLS ARE SLIPPERY. COMBUSTIBLE MATERIALS EXPOSED TO HYDROGEN PEROXIDE SHOULD BE IMMEDIATELY SUBMERGED IN OR RINSED WITH WATER TO ENSURE THAT ALL HYDROGEN PEROXIDE IS REMOVED. RESIDUAL HYDROGEN PEROXIDE THAT IS ALLOWED TO DRY ON ORGANIC MATERIALS LIKE PAPER, WOOD OR OTHER COMBUSTIBLES, CAN CAUSE THE MATERIAL TO IGNITE AND RESULT IN A FIRE.

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.
REMOVE AND WASH CONTAMINATED CLOTHING AND FOOTWEAR BEFORE RE-USE. PRODUCT RESIDUE MAY REMAIN ON OR IN EMPTY CONTAINERS.
HANDLE CAREFULLY TO AVOID DAMAGING CONTAINER.
STORAGE: ROTATE STOCK REGULARLY. KEEP CONTAINER CLOSED WHEN NOT IN USE. AVOID TEMPERATURES BELOW 35°F OR ABOVE 120°F. 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

EXPOSURE LIMITS: HYDROGEN PEROXIDE = 1 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

COLOR: COLORLESS, SLIGHTLY HAZY
ODOR: THIS PRODUCT CONTAINS AN ADDED CITRUS FRAGRANCE.
pH CONCENTRATE: 2.05
pH @ 2500 PPM SOLUTION: N.AP.
pH @ 1:64 USE DILUTION: 6.8
PHYSICAL STATE: LIQUID
SPECIFIC GRAVITY: 1.026
VISCOSITY: NON-VISCOUS
BOILING POINT: N.AP.
MELTING POINT: N.AP.
FLASH POINT: N.AP.
UEL: N.AP.
LEL: N.AP.
EVAPORATION RATE: N.AP.
ODOR THRESHOLD: N.AP
VAPOR PRESSURE: N.AP
VAPOR DENSITY: N. AP.
COEFF. OIL/WATER: N.AP.
WATER SOLUBILITY: COMPLETE
OTHER: N.AP.

10. STABILITY AND REACTIVITY

STABLE: YES
CONDITIONS TO AVOID: AVOID TEMPERATURES BELOW 35°F OR ABOVE 120°F.
MATERIALS TO AVOID: AVOID MIXING DIRECTLY WITH ANY OTHER CLEANING PRODUCT. AVOID NON-INERT ABSORBENT MATERIALS. MIX ONLY WITH WATER.
DECOMPOSITION PRODUCTS: FIRE OR MIXING WITH INCOMPATIBLE MATERIALS MAY PRODUCE OXIDES OF CARBON AND OTHER TOXIC OR IRRITATING FUMES.

POSSIBILITY OF HAZARDOUS REACTIONS: N.AP.

11. TOXICOLOGICAL INFORMATION

ACUTE EFFECTS: SEE SECTION 2.
CHRONIC EFFECTS: NONE KNOWN. NO REPORTABLE CARCINOGENS, MUTAGENS, SENSITIZERS, SYNERGISTIC MATERIALS, TERATOGENS, OR REPRODUCTIVE TOXINS.
LC50/LD50: HYDROGEN PEROXIDE: 801 MG/KG ORAL-RAT LD50
TARGET ORGANS: NONE KNOWN.
OTHER TOXIC EFFECTS: NONE KNOWN. THIS PRODUCT MEETS GREEN SEAL™ REQUIREMENTS FOR SKIN AND EYE IRRITATION AND ACUTE TOXICITY IN UNDILUTED FORM AND AT THE AS-USED DILUTION.

12. ECOLOGICAL INFORMATION

NOT AVAILABLE.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: COMPLY WITH ALL FEDERAL, STATE, PROVINCIAL AND LOCAL 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: NOT REGULATED
DOT RQ: N.AP.
DOT ERG #: N.AP.

15. REGULATORY INFORMATION

EPA CERCLA RQ: N.AP.
EPA REGISTERED: NO
GREEN SEAL™ CERTIFIED: YES
OSHA HAZARDOUS: YES
PHOSPHORUS CONTENT: 0.00%
PROPOSITION 65: N.AP.
SARA 311/312 HAZARDS: ACUTE
SARA 313 CHEMICALS: N.AP.
STATE RIGHT TO KNOW: SEE SECTION 3 FOR STATE RTK CHEMICAL NAMES.
TSCA INVENTORY STATUS: ALL COMPONENTS ARE LISTED ON THE INVENTORY.
VOC: 0.00% CALCULATION METHOD USED IS BASED ON CALIFORNIA ARB STANDARD.
WHMIS CLASS: D-2B

16. OTHER INFORMATION

NFPA RATING: HEALTH-2/FLAMMABILITY-0/REACTIVITY-0/SPECIAL HAZARD-N.AP.
HMIS RATING: HEALTH-2/FLAMMABILITY-0/REACTIVITY-0/PERSONAL PROTECTION-SEE 8.0

N.AV. = NOT AVAILABLE N.AP. = NOT APPLICABLE PREPARED BY: HEALTH AND SAFETY

NOTICE TO READER

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