

1. PRODUCT AND COMPANY IDENTIFICATION**NAME: LIQUID OXY BLEACH II****USE:** LAUNDRY OXYGEN BLEACH**MSDS # 100950**

US CHEMICAL, 316 HART STREET, WATERTOWN, WI 53094 USA

MEDICAL EMERGENCY #: 1-800-851-7145 EXT. 075 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 3-29-10 REVISED 3-29-10 SECTION REVISED: 1

2. HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW:** WARNING! MAY BE IRRITATING TO EYES AND SKIN.**PRINCIPLE ROUTES OF EXPOSURE:** EYES, SKIN, INGESTION, INHALATION.**POTENTIAL ACUTE HEALTH EFFECTS****EYES:** MAY BE SEVERELY IRRITATING TO EYES.**SKIN:** MAY BE MODERATELY IRRITATING TO SKIN. TEMPORARY 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
HYDROGEN PEROXIDE	7722-84-1	1.0 – 5.0	N.AV.
STATE RIGHT TO KNOW: THIS PRODUCT CONTAINS: WATER/7732-18-5, HYDROGEN PEROXIDE/7722-84-1			

4. FIRST AID MEASURES

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EYES: FLOOD WITH LUKEWARM (NOT HOT) WATER POURED FROM A LARGE GLASS 2 OR 3 INCHES FROM EYES. REMOVE CONTACTS. HAVE PATIENT BLINK AS MUCH AS POSSIBLE WHILE FLOODING THE EYES. CONTINUE FOR AT LEAST 15 MINUTES.

SKIN: REMOVE CONTAMINATED CLOTHES, THEN FLOOD WITH WATER.

INHALATION: MOVE VICTIM TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF PATIENT IS NOT BREATHING.

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 1-800-851-7145 EXT. 075 OR CONTACT PHYSICIAN FOR FURTHER MEDICAL INSTRUCTIONS.

NOTE TO PHYSICIAN: CALL 1-800-851-7145 EXT. 075 FOR ASSISTANCE WITH THE MANAGEMENT OF EXPOSURES.

5. FIRE-FIGHTING MEASURES

FLAMMABILITY: NO HAZARD.

FLASH POINT: N.A.P.

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.A.P.

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

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EXPOSURE LIMITS: HYDROGEN PEROXIDE = 1 PPM TWA (ACGIH/OSHA)**ENGINEERING CONTROLS:** NONE REQUIRED. GENERAL ROOM VENTILATION IS ADEQUATE.**PERSONAL PROTECTION****EYES:** SAFETY GLASSES WITH SIDE SHIELDS.**HANDS:** CHEMICAL RESISTANT GLOVES: RUBBER OR NEOPRENE. LONG TYPE IF NEEDED.**RESPIRATORY:** N.AP.**FEET:** N.AP.**BODY:** N.AP.**9. PHYSICAL AND CHEMICAL PROPERTIES****COLOR:** COLORLESS**ODOR:** NONE**pH CONCENTRATE:** 2.5**pH @ 2500 PPM SOLUTION:** N.AP.**pH @ USE DILUTION:** N.AP.**PHYSICAL STATE:** LIQUID**SPECIFIC GRAVITY:** 1.010**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:** N.AV.**TARGET ORGANS:** EYES, SKIN, RESPIRATORY SYSTEM.**OTHER TOXIC EFFECTS:** NONE KNOWN.

12. ECOLOGICAL INFORMATION

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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**EPA VOC:** 0.00%**EPA VOC RULE:** THIS PRODUCT DOES NOT CONTAIN VOLATILE ORGANIC COMPOUNDS.**OSHA HAZARDOUS:** YES**PHOSPHORUS CONTENT:** SEE LABEL**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.**WHMIS CLASS:** D-2B**16. OTHER INFORMATION****NFPA RATING:** HEALTH-2/FLAMMABILITY-0/REACTIVITY-1/SPECIAL HAZARD-N.AP.**HMIS RATING:** HEALTH-2/FLAMMABILITY-0/REACTIVITY-1/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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