



**MATERIAL SAFETY DATA SHEET
OXYGEN BLEACH RTLD 160**

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SECTION I PRODUCT IDENTIFICATION

PRODUCT NAME: OXYGEN BRIGHTENER
PRODUCT CODE: RTLD160
CHEMICAL NAME: HYDROGEN PEROXIDE SOLUTION
FORMULA: PROPRIETARY
DOT HAZARD CLASS: NOT APPLICABLE

<u>HAZARD RATING (NFPA 704)</u>	<u>HAZARD RATING</u>
HEALTH: 1	0=MINIMAL
FIRE: 0	1=SLIGHT
REACTIVITY: 0	2=MODERATE
PROTECTIVE EQUIPMENT: NA	3=SERIOUS
	4=SEVERE

SECTION II HAZARDOUS INGREDIENTS

SUBSTANCES LISTED IN THIS SECTION ARE THOSE IDENTIFIED AS BEING PRESENT AT A CONCENTRATION OF 1% OR GREATER, OR 0.1% IF THE SUBSTANCE IS ON THE LIST OF POTENTIAL CARCINOGENS CITED IN OSHA HAZARD COMMUNICATION STANDARD.

<u>MATERIAL (BASED ON 100% FORMULA LEVEL)</u>	<u>CAS#</u>	<u>TLV</u>	<u>PEL</u>
HYDROGEN PEROXIDE 6%	007722-84-1	1.4mg/m3	1.4mg/m3

SECTION III PHYSICAL DATA

BOILING POINT: 226 °F	VOLATILE: 91%
VAPOR PRESSURE: 23.3 mmHg @39°C	SOLUBILITY IN WATER: COMPLETE
VAPOR DENSITY: (AIR=1): WATER BASED	EVAPORATION RATE (H ₂ O=1): 1
SPECIFIC GRAVITY: 1.055	VISCOSITY: WATER-THIN
PH 1% SOLUTION: 5.0-6.0	
DESCRIPTION: CRYSTAL CLEAR ODORLESS LIQUID	

SECTION IV FIRE AND EXPLOSION HAZARDS

FLASH POINTS: NON-COMBUSTIBLE
METHOD USED: C.O.C.
EXTINGUISHING MEDIA: WATER SPRAY, FOAM, CARBON DIOXIDE MAY BE USED.
UNUSUAL FIRE OR EXPLOSIVE HAZARD: NONE KNOWN.
SPECIAL FIREFIGHTING PRECAUTION: USE WATER SPRAY TO KEEP FIRE-EXPOSED CONTAINERS COOL

SECTION V HEALTH HAZARD DATA

SIGNS AND SYMPTOMS OF EXPOSURE (SKIN, EYE CONTACT; INHALATION; INGESTION)

EYE CONTACT: VAPORS, MISTS, SOLUTION MAY CAUSE IRRITATION, REDNESS, TEARING, BURNING SENSATION.

INHALATION: CAN CAUSE IRRITATION TO THROAT AND RESPIRATORY TRACT. INHALATION OF HIGHER CONCENTRATION MAY CAUSE HEADACHE, VOMITING.

INGESTION: CAUSE IRRITATION OF GASTROINTESTINAL TRACT.

SKIN CONTACT: CAN CAUSE IRRITATION TO SKIN UPON PROLONGED CONTACT.

FIRST AID MEASURES

EYE CONTACT: IMMEDIATELY FLUSH EYES WITH LOTS OF RUNNING WATER FOR 15 MINUTES. SEEK MEDICAL ATTENTION IMMEDIATELY.

INHALATION: REMOVE TO FRESH AREA. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. IF BREATHING STOP, START ARTIFICIAL RESUSCITATION AND TRANSPORT VICTIM TO A MEDICAL FACILITY IMMEDIATELY.

INGESTION: DO NOT INDUCE VOMITING. DRINK LARGE QUANTITIES OF WATER AND MEDICAL ATTENTION IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SKIN CONTACT: WASH SKIN WITH LOTS OF SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND SHOES; WASH BEFORE REUSE. IF IRRITATION OCCURS AND PERSISTS SEEK MEDICAL ATTENTION AS NEEDED.

SECTION VI REACTIVITY DATA

STABILITY: STABLE

INCOMPATIBILITY (MATERIALS TO AVOID): HEAVY METALS SUCH AS IRON. ORGANICS, WOOD, PAPER AND OTHER COMBUSTIBLE SUBSTANCES.

POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: HIGH TEMPERATURE. CONTAMINATION WITH ANY OTHER SUBSTANCES AS LISTED ABOVE.

HAZARDOUS DECOMPOSITION: NONE KNOWN.

SECTION VII SPILL OR LEAK PROCEDURES

CLEAN-UP PROCEDURES: WEAR PROTECTIVE EQUIPMENT DURING CLEAN-UP OPERATIONS. ONLY TRAINED PERSONNEL SHOULD BE INVOLVED. SWEEP UP AND PLACE MATERIAL IN SEALABLE CONTAINERS FOR DISPOSAL.

RECOMMENDED WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION VIII SPECIAL PROTECTION DATA

RESPIRATORY PROTECTION: NORMALLY NOT REQUIRED.

EYE PROTECTION: NORMALLY NOT REQUIRED

PROTECTIVE CLOTHING: FULL-LENGTH CLOTHING.

VENTILATION: ADEQUATE VENTILATION

OTHER PROTECTIVE MEASURES: EYEWASH FOUNTAIN AND SAFETY SHOWER

SECTION IX SPECIAL PRECAUTION

HYGIENIC PRACTICES IN HANDLING STORING: WASH THOROUGHLY AFTER HANDLING.

PRECAUTION TO BE TAKEN IN HANDLING AND STORING: STORE IN COOL, DRY, VENTILATED AREAS.

DISPOSAL OF EMPTY CONTAINER: EMPTY CONTAINERS SHOULD BE TRIPLE RINSED WITH WATER AND DISPOSED OF PURSUANT TO LOCAL, STATE, AND FEDERAL REQUIREMENTS.

SECTION X USER'S RESPONSIBILITY

THE RESPONSIBILITY TO PROVIDE A SAFE WORKPLACE REMAINS WITH THE USER. THE USER SHOULD CONSIDER THE HEALTH HAZARD AND SAFETY INFORMATION CONTAINED HEREIN AS A GUIDE AND SHOULD TAKE THOSE PRECAUTIONS REQUIRED IN AN INDIVIDUAL OPERATION TO INSTRUCT EMPLOYEES AND DEVELOP WORK PRACTICE PROCEDURES FOR A SAFE WORK ENVIRONMENT.

SECTION XVI DISCLAIMER

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