

1. PRODUCT AND COMPANY IDENTIFICATION

NAME: RENOWN LAUNDRY DESTAINER
 USE: LAUNDRY BLEACH
 LABEL BRAND: RENOWN
 MSDS # 100036R CODE # REN05638-US, REN05656-US

MEDICAL EMERGENCY #: 1-866-923-4913 USA (24/7)
 SPILL EMERGENCY #: 1-888-255-3924 USA (24/7)
 PRODUCT INFORMATION #: 1-866-412-6726
 (8 A.M. TO 5 P.M. CST MONDAY TO FRIDAY)
 INTERNET ADDRESS: www.GoRenown.com
 REVIEWED 4-4-11 REVISED 4-4-11 SECTION REVISED: 1

DISTRIBUTED EXCLUSIVELY BY:
 AMSAH
 5727 SOUTH LEWIS AVENUE
 TULSA, OK 74105 USA

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:
 DANGER. CORROSIVE LIQUID. CAUSES EYE AND SKIN BURNS.
 HARMFUL OR FATAL IF SWALLOWED.



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

POTENTIAL ACUTE HEALTH EFFECTS

EYES: CORROSIVE. CAUSES EYE BURNS. MAY CAUSE PERMANENT DAMAGE INCLUDING BLINDNESS WITHOUT IMMEDIATE FIRST AID TREATMENT.

SKIN: CORROSIVE. CAUSES SKIN BURNS. MAY CAUSE PERMANENT DAMAGE.
 HARMFUL CONTACT MAY NOT CAUSE IMMEDIATE PAIN.

INHALATION: CORROSIVE. INHALATION OF MISTS MAY CAUSE CORROSIVE EFFECTS TO NOSE, THROAT, AND RESPIRATORY SYSTEM.

INGESTION: CORROSIVE. MAY CAUSE BURNS TO MOUTH, THROAT AND STOMACH.
 HARMFUL OR FATAL IF SWALLOWED.
 MEDICAL CONDITIONS AGGRAVATED: NONE KNOWN.

3. COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS #	% BY WT	LC50/LD50
SODIUM HYPOCHLORITE	7681-52-9	12.5	SEE 11.0

STATE RIGHT TO KNOW: THIS PRODUCT CONTAINS:
 WATER/7732-18-5, SODIUM HYPOCHLORITE/7681-52-9

LAUNDRY DESTAINER

MSDS # 100036R

8. EXPOSURE CONTROLS / PERSONAL PROTECTION Page 3 of 4

EXPOSURE LIMITS:
 SODIUM HYPOCHLORITE = 0.5 PPM TWA AS CHLORINE, 1 PPM STEL AS CHLORINE (ACGIH),
 1 PPM CEILING LIMIT AS CHLORINE (OSHA)

ENGINEERING CONTROLS: NONE REQUIRED. GENERAL ROOM VENTILATION IS TYPICALLY ADEQUATE.

PERSONAL PROTECTION

EYES: SPLASH PROOF SAFETY GLASSES, SAFETY GOGGLES AND AN EYE WASH STATION.
 HANDS: CHEMICAL RESISTANT GLOVES: RUBBER OR NEOPRENE. LONG TYPE IF NEEDED.
 RESPIRATORY: IF MISTS/VAPORS ARE NOT CONTROLLED BY VENTILATION, WEAR SUITABLE RESPIRATOR.
 FEET: TYPICALLY NOT NEEDED. WEAR BOOTS DURING SPILL & WHEN EXPOSURE IS POSSIBLE.
 BODY: IF MAJOR EXPOSURE IS POSSIBLE, WEAR FULL-COVER PROTECTIVE CLOTHING.

9. PHYSICAL AND CHEMICAL PROPERTIES

COLOR: YELLOW
 ODOR: CHLORINE
 pH CONCENTRATE: GREATER THAN 12.0 (BASIC)
 pH @ 2500 PPM SOLUTION: N.A.P.
 pH @ USE DILUTION: N.A.P.
 PHYSICAL STATE: LIQUID
 SPECIFIC GRAVITY: 1.210
 VISCOSITY: NON-VISCOUS
 BOILING POINT: N.A.P.
 MELTING POINT: N.A.P.

FLASH POINT: N.A.P.
 UEL: N.A.P.
 LEL: N.A.P.
 EVAPORATION RATE: N.A.P.
 ODOR THRESHOLD: N.A.P.
 VAPOR PRESSURE: N.A.P.
 VAPOR DENSITY: N.A.P.
 COEFF. OIL/WATER: N.A.P.
 WATER SOLUBILITY: COMPLETE
 OTHER: N.A.P.

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 ACIDS, AMMONIA AND VARIOUS METALS (ALUMINUM, ZINC, TIN, BRASS OR BRONZE)
 WHICH CAN GENERATE FLAMMABLE HYDROGEN GAS. MIX ONLY WITH WATER, UNLESS
 RTU.

DECOMPOSITION PRODUCTS: FIRE OR MIXING WITH INCOMPATIBLE MATERIALS MAY
 PRODUCE OXIDES OF CARBON AND OTHER TOXIC OR IRRITATING FUMES.

POSSIBILITY OF HAZARDOUS REACTIONS: AVOID MIXING DIRECTLY WITH ACIDS.

11. TOXICOLOGICAL INFORMATION

ACUTE EFFECTS: CORROSIVE. SEE SECTION 2.
 CHRONIC EFFECTS: NONE KNOWN. NO REPORTABLE CARCINOGENS, MUTAGENS,
 SENSITIZERS, SYNERGISTIC MATERIALS, TERATOGENS, OR REPRODUCTIVE TOXINS.
 LC50/LD50: SODIUM HYPOCHLORITE 15%: 5800 MG/KG ORAL-MOUSE LD50
 TARGET ORGANS: EYES, SKIN, RESPIRATORY SYSTEM.
 OTHER TOXIC EFFECTS: NONE KNOWN.

4. FIRST AID MEASURES Page 2 of 4

EYES: IMMEDIATELY FLUSH EYES WITH RUNNING WATER FOR 15-20 MINUTES, KEEPING
 EYELIDS OPEN. SKIN: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15-20 MINUTES.
 REMOVE AND WASH CONTAMINATED CLOTHING AND FOOTWEAR BEFORE RE-USE.
 IF SWALLOWED: RINSE MOUTH. GIVE A CUPFUL OF WATER OR MILK. THEN IMMEDIATELY
 CONTACT A PHYSICIAN OR POISON CENTER. DO NOT INDUCE VOMITING UNLESS
 DIRECTED TO DO SO BY MEDICAL PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN
 UNCONSCIOUS PERSON.
 INHALATION: IF BREATHING IS AFFECTED: REMOVE TO FRESH AIR.
 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.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: CORROSIVE PRODUCT MAY REACT WITH CERTAIN METALS. SEE 8. AND 10.
 SPECIFIC METHODS: NORMAL FIRE FIGHTING PROCEDURES MAY BE USED.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: CORROSIVE. PUT ON PERSONAL PROTECTIVE EQUIPMENT. SEE 8.
 SPILL RESPONSE: EVACUATE UNPROTECTED PERSONNEL FROM AREA. 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. PUMP OR SCOOP TO CONTAINER
 OR SOAK UP WITH NON-COMBUSTIBLE INERT ABSORBENT MATERIALS. AFTER SPILL COLLECTION,
 RINSE AREA WITH WATER AND FOLLOW WITH NORMAL CLEAN-UP PROCEDURES.
 BE CAREFUL AS SPILLS ARE SLIPPERY.

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.
 DO NOT TASTE OR SWALLOW. REMOVE AND WASH CONTAMINATED CLOTHING AND
 FOOTWEAR BEFORE RE-USE. PRODUCT RESIDUE MAY REMAIN 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.

LAUNDRY DESTAINER

MSDS # 100036R

12. ECOLOGICAL INFORMATION Page 4 of 4

NOT AVAILABLE.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: UNDILUTED PRODUCT IS REGULATED UNDER ENVIRONMENTAL
 AND TRANSPORTATION LAWS AS A CORROSIVE WASTE (RCRA CLASS D002).
 DISPOSE OF ACCORDING TO 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/IDG: HYPOCHLORITE SOLUTION, 8, UN1791, III
 DOT RQ: 100 LB AS SODIUM HYPOCHLORITE
 DOT ERG #: 154

15. REGULATORY INFORMATION

EPA CERCLA RQ: 100 LB AS SODIUM HYPOCHLORITE
 EPA REGISTERED: NO
 OSHA HAZARDOUS: YES
 PHOSPHORUS CONTENT: 0.00%
 PROPOSITION 65: N.A.P.
 SARA 311/312 HAZARDS: ACUTE
 SARA 313 CHEMICALS: NO
 STATE RIGHT TO KNOW: SEE SECTION 3 FOR 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: E

16. OTHER INFORMATION

NFPA RATING: HEALTH-3/FLAMMABILITY-0/REACTIVITY-1/SPECIAL HAZARD-N.A.P.
 HMIS RATING: HEALTH-3/FLAMMABILITY-0/REACTIVITY-1/PERSONAL PROTECTION-SEE 8.0

N.A.V. = NOT AVAILABLE N.A.P. = NOT APPLICABLE PREPARED BY: HEALTH AND SAFETY

NOTICE TO READER

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 INFORMATION WHEN USING PRODUCT FOR ANY PARTICULAR USE AND TO COMPLY WITH ALL
 FEDERAL, STATE, PROVINCIAL AND LOCAL LAWS AND REGULATIONS.