MATERIAL SAFETY DATA SHEET

PRODUCT NAME: WOOD BLEACH #1 **HMIS CODES: H F R P**
PROCUCT CODE: 0800-0802 2 0 0 B

========== SECTION I - MANUFACTURER IDENTIFICATION ==========

MANUFACTURER'S NAME : JASCO Chemical Corp.
ADDRESS : 1008 N. Fuller St.
Santa Ana, CA. 92701

EMERGENCY PHONE : 800-424-9300 **DATE PRINTED :** 6/01
INFORMATION PHONE : (714) 547-6951 **NAME OF PREPARER :** RE

========== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION ==========

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP		WEIGHT PERCENT
SODIUM SILICATE SOLUTION; WATER GLASS; SILCIC ACID	MIXTURE	24	68	60
OSHA PEL: UNKNOWN, ACGIH TLV: UNKNOWN, OTHER: N/A				

*** No toxic chemical(s) subject to the reporting requirements of section 313 of Title III of 40 CFR 372 are present. ***
No information available

========== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS ==========

BOILING RANGE: 208 DEG. F **SPECIFIC GRAVITY (H2O=1) :** 1.20
VAPOR DENSITY: HEAVIER THAN AIR **EVAPORATION RATE:** SLOWER THAN ETHER
COATING V.O.C.: 0.0 g/L
SOLUBILITY IN WATER: COMPLETE
APPEARANCE AND ODOR: CLEAR, ODORLESS, VISCOUS LIQUID.

========== SECTION IV - FIRE AND EXPLOSION HAZARD DATA ==========

FLASH POINT: NONE **METHOD USED:** N/A
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A **UPPER:** N/A

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES

MATERIAL IS SLIPPERY, AVOID WALKING ON SPILLED MATERIAL. FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING WHEN FIGHTING FIRES.

UNUSUAL FIRE AND EXPLOSION HAZARDS

NONE KNOWN

========== SECTION V - REACTIVITY DATA ==========

STABILITY: STABLE
CONDITIONS TO AVOID

NONE KNOWN

INCOMPATIBILITY (MATERIALS TO AVOID)

FINELY GROUND ZINC OR ALUMINUM. STRONG ACIDS.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

CONTACT WITH SOME METALS MAY PRODUCE SMALL AMOUNTS OF HYDROGEN GAS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

========== SECTION VI - HEALTH HAZARD DATA ==========

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

NAUSEA, VOMITING, HEADACHE, WEAKNESS.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

CORROSIVE TO SKIN AND EYES.

SKIN ABSORPRTION HEALTH RISKS AND SYMPTONS OF EXPOSURE

DIRECT CONTACT CAN CAUSE IRRITATION TO SKIN.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

INGESTION MAY CAUSE KIDNEY DISFUNCTION.

HEALTH HAZARDS (ACUTE AND CHRONIC)

ABNORMAL KIDNEY FUNCTION. CORROSIVE TO SKIN AND EYES.

CARCINOGENICITY: NTP CARCINOGEN: NO **IARC MONOGRAPHS:** NO **OSHA REGULATED:** NO

THIS PRODUCT IS NOT LISTED IN THE NTP, IARC OR OSHA LISTS FOR CARCINOGENICITY.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

SOME SKIN CONDITIONS MAY BE AGGRAVATED.

EMERGENCY AND FIRST AID PROCEDURES

SKIN: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS. EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS. INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING IF NECESSARY. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS. INGESTION: IMMEDIATELY GIVE 2 GLASSES OF WATER AND INDUCE VOMITING. SEEK IMMEDIATE MEDICAL ATTENTION.

========== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE ==========

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

CONTAIN WITH INERT MATERIAL. NEUTRALIZE WITH DILUTE ACID SOLUTION AND ABSORB WITH SAND OR VERMICULITE. CO NOT LET INTO SEWERS OR WATER SOURCES.

WASTE DISPOSAL METHOD

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

STORE IN VENTILATED AREAS. AVOID EXCESSIVE HEAT. AVOID CONTAMINATION OF ANY KIND.

OTHER PRECAUTIONS

STORE IN VENTED CONTAINERS. DO NOT RETURN UNUSED PROTION TO CONTAINER. CLEAN UP ANY SPILLS IMMEDIATELY, AS MATERIAL IS SLIPPERY.

========== SECTION VIII - CONTROL MEASURES ==========

REPIRATORY PROTECTION

NIOSH-APPROVED RESPIRATOR IN AREAS OF NO VENTILATION.

VENTILATION

LOCAL EXHAUST IS RECOMMENDED, BUT MECHANICAL EXHAUST IS ACCEPTABLE.

PROTECTIVE GLOVES

NITRILE RUBBER OR NEOPRENE.

EYE PROTECTION

SAFETY GLASSES/GOGGLES.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

APRON, BOOTS, SAFETY SHOWER/EYEWASH.

WORK/HYGIENIC PRACTICES

DO NOT EAT, DRINK OR SMOKE AROUND PRODUCT. WASH HANDS AFTER USE.

========== SECTION IX - DISCLAIMER ==========

THIS INFORMATION IS TO THE BEST OF OUR KNOWLEDGE AND BELIEF ACCURATE AS OF THE DATE COMPILED. HOWEVER, NO REPRESENTATION OR GUARANTEE IS MADE AS TO ITS ACCURACY, RELIABILITY OR COMPLETENESS.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: WOOD BLEACH #2 **HMIS CODES: H F R P**
PROCUCT CODE: 0800-0802 2 0 1 C

========== SECTION I - MANUFACTURER IDENTIFICATION ==========

MANUFACTURER'S NAME : Jasco Chemical
ADDRESS : 1008 N. Fuller St.
Santa Ana, CA. 92701

EMERGENCY PHONE : 800-424-9300 **DATE PRINTED :** 10/04/99
INFORMATION PHONE : (714) 547-6951 **NAME OF PREPARER :** DAT

========== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION ==========

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP		WEIGHT PERCENT
HYDROGEN PEROXIDE 35% SOLUTION	7722-84-1	21	86	100
OSHA PEL: 1 PPM, ACGIH TLV: 1 PPM, OTHER: N/A				

*** No toxic chemical(s) subject to the reporting requirements of section 313 of Title III of 40 CFR 372 are present. ***
THIS PRODUCT IS AN OXIDIZER. DOT ID# UN 2014

========== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS ==========

BOILING RANGE: 226 DEG. F **SPECIFIC GRAVITY (H2O=1) :** 1.11
VAPOR DENSITY: UNKNOWN **EVAPORATION RATE:** SLOWER THAN ETHER
COATING V.O.C.: 0.0 g/L
SOLUBILITY IN WATER: COMPLETE
APPEARANCE AND ODOR: CLEAR, COLORLESS LIQUID, MILD ODOR.

========== SECTION IV - FIRE AND EXPLOSION HAZARD DATA ==========

FLASH POINT: NONE **METHOD USED:** N/A
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A **UPPER:** N/A

EXTINGUISHING MEDIA: OTHER

SPECIAL FIREFIGHTING PROCEDURES

FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING WHEN FIGHTING FIRES.

UNUSUAL FIRE AND EXPLOSION HAZARDS

USE WATER SPRAY TO COOL CONTAINERS AND STRUCTURES EXPOSED TO FIRE.

========== SECTION V - REACTIVITY DATA ==========

STABILITY: STABLE
CONDITIONS TO AVOID

EXCESSIVE HEAT AND CONTAMINATION OF ANY KIND.

INCOMPATIBILITY (MATERIALS TO AVOID)

IRON, COPPER, COMBUSTIBLE MATERIAL, REDUCING AGENTS, FLAMMABLE LIQUIDS OR VAPORS MAY CAUSE IMMEDIATE FIRE OR EXPLOSION.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

RELEASES FLAMMABLE OXYGEN GAS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

========== SECTION VI - HEALTH HAZARD DATA ==========

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

SEVERE NOSE AND THROAT IRRITANT.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

MAY CAUSE SEVERE IRRITAITON TO SKIN AND EYES.

SKIN ABSORPRTION HEALTH RISKS AND SYMPTONS OF EXPOSURE

MAY CAUSE BURNS AND DRYNESS.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

INGESTION WILL CAUSE DESTRUCTION OF GASTROINTESTINAL TRACT TISSUE.

HEALTH HAZARDS (ACUTE AND CHRONIC)

DIRECT CONTACT WITH EYES CAUSES CORNEAL DAMAGE.

CARCINOGENICITY: NTP CARCINOGEN: NO **IARC MONOGRAPHS:** NO **OSHA REGULATED:** NO

THIS PRODUCT IS NOT LISTED IN THE NTP, IARC OR OSHA LISTS FOR CARCINOGENICITY.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

SOME SKIN CONDITIONS MAY BE AGGRAVATED.

EMERGENCY AND FIRST AID PROCEDURES

SKIN: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS. EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS. INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING IF NECESSARY. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS. INGESTION: IMMEDIATELY GIVE 2 GLASSES OF WATER AND INDUCE VOMITING. SEEK IMMEDIATE MEDICAL ATTENTION.

========== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE ==========

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

CONTAIN AND DIKE WITH INERT MATERIAL. DILUTE WITH LARGE AMOUNTS OF WATER. DO NOT LET INTO SEWERS OR WATER SOURCES.

WASTE DISPOSAL METHOD

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

STORE IN VENTILATED AREAS. AVOID EXCESSIVE HEAT. AVOID CONTAMINATION OF ANY KIND.

OTHER PRECAUTIONS

STORE IN VENTED CONTAINERS. DO NOT RETURN UNUSED PROTION TO CONTAINER.

========== SECTION VIII - CONTROL MEASURES ==========

REPIRATORY PROTECTION

NIOSH-APPROVED RESPIRATOR TO CONTROL OVEREXPOSURE.

VENTILATION

LOCAL EXHAUST IS RECOMMENDED, BUT MECHANICAL EXHAUST IS ACCEPTABLE.

PROTECTIVE GLOVES

NITRILE RUBBER OR NEOPRENE.

EYE PROTECTION

SAFETY GLASSES/GOGGLES.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

APRON, BOOTS, SAFETY SHOWER/EYEWASH.

WORK/HYGIENIC PRACTICES

DO NOT EAT, DRINK OR SMOKE AROUND PRODUCT. WASH HANDS AFTER USE.

========== SECTION IX - DISCLAIMER ==========

THIS INFORMATION IS TO THE BEST OF OUR KNOWLEDGE AND BELIEF ACCURATE AS OF THE DATE COMPILED. HOWEVER, NO REPRESENTATION OR GUARANTEE IS MADE AS TO ITS ACCURACY, RELIABILITY OR COMPLETENESS.