

1. PRODUCT AND COMPANY IDENTIFICATION

NAME: BACTERIAL DIGESTANT
 USE: DIGESTER CLEANER
 LABEL BRAND: U S CHEMICAL
 MSDS # 101263 CODE # 057737, 057738

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 11-14-11 REVISED 11-14-11 SECTION REVISED: 1

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: CAUTION! MAY BE MILDLY IRRITATING TO EYES.

PRINCIPLE ROUTES OF EXPOSURE: EYES, INGESTION.

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

SKIN: MAY BE MILDLY IRRITATING TO SKIN.

INHALATION: NONE KNOWN.

INGESTION: MAY CAUSE ABDOMINAL DISCOMFORT, NAUSEA, VOMITING AND DIARRHEA.

MEDICAL CONDITIONS AGGRAVATED: PERSONS WITH PRE-EXISTING SKIN DISORDERS MAY BE MORE SUSCEPTABLE TO IRRITATING EFFECTS. BACTERIAL INFECTION MAY OCCUR THROUGH OPEN WOUNDS OR BROKEN SKIN.

3. COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS #	% BY WT	LC50/LD50
NONE	N.A.P.	N.A.P.	N.A.P.

STATE RIGHT TO KNOW: THIS PRODUCT CONTAINS: WATER/7732-18-5, BACTERIAL CULTURES/N.A.V.

NOTE: THERE ARE 55 MILLION COLONY FORMING UNITS (CFU/ML) OR 208 BILLION CFU/GALLON.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION Page 3 of 4

EXPOSURE LIMITS: N.A.P.

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

PERSONAL PROTECTION
 EYES: SAFETY GLASSES RECOMMENDED.
 HANDS: NONE REQUIRED WITH NORMAL USE.
 RESPIRATORY: N.A.P.
 FEET: N.A.P.
 BODY: N.A.P.

9. PHYSICAL AND CHEMICAL PROPERTIES

COLOR: MILKY WHITE
 ODOR: FLORAL
 pH CONCENTRATE: 7.5
 pH @ 2500 PPM SOLUTION: N.A.P.
 pH @ USE DILUTION: N.A.P.
 PHYSICAL STATE: LIQUID
 SPECIFIC GRAVITY: 1.000
 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 100°F TO MAINTAIN BIOLOGICAL PROPERTIES.
 MATERIALS TO AVOID: AVOID MIXING DIRECTLY WITH ANY OTHER CLEANING PRODUCT. AVOID OXIDIZING AGENTS INCLUDING BLEACH. 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.A.P.

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.A.V.
 TARGET ORGANS: NONE KNOWN.
 OTHER TOXIC EFFECTS: NONE KNOWN.

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4. FIRST AID MEASURES Page 2 of 4

EYES: FLUSH IMMEDIATELY WITH PLENTY OF WATER. IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION.
 SKIN: FLUSH IMMEDIATELY WITH PLENTY OF WATER. IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION.
 INHALATION: NO SPECIFIC FIRST AID MEASURES ARE REQUIRED.
 INGESTION: NO SPECIFIC FIRST AID MEASURES ARE REQUIRED.
 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: 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. 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 TO CONTAINER OR SOAK UP WITH NON-COMBUSTIBLE INERT ABSORBENT MATERIALS. AFTER SPILL COLLECTION, FLUSH 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 INGESTION AND CONTACT WITH EYES. DO NOT TASTE OR SWALLOW. 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.

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12. ECOLOGICAL INFORMATION Page 4 of 4

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.A.P.
 DOT ERG #: N.A.P.

15. REGULATORY INFORMATION

EPA CERCLA RQ: N.A.P.
 EPA REGISTERED: NO
 OSHA HAZARDOUS: YES
 PHOSPHORUS CONTENT: 0.00%
 PROPOSITION 65: N.A.P.
 SARA 311/312 HAZARDS: ACUTE
 SARA 313 CHEMICALS: N.A.P.
 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-1/FLAMMABILITY-0/REACTIVITY-0/SPECIAL HAZARD-N.A.P.
 HMIS RATING: HEALTH-1/FLAMMABILITY-0/REACTIVITY-0/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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