

MATERIAL SAFETY DATA SHEET

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OAKTREE PRODUCTS, INC. ST. LOUIS, MO. H/H H/H CAT# 3542
EMERGENCY PHONE: (800) 347-1960

EFFECTIVE DATE: 3/25/04

PRODUCT CODE: 302

PRODUCT NAME: "ULTRASONIC"

MSD: 302-3

HAZARDOUS INGREDIENTS (TYPICAL VALUES -- NOT SPECIFICATION)

DIDECYL DIMETHYL AMMONIUM CHLORIDE; CAS NO. 7173-51-5; TLV NOT AVAILABLE
TETRASODIUM EDTA; CAS NO. 64-02-8; TLV NOT AVAILABLE

Section 1

Physical Data

Boiling Point: 250 deg F
Vap. Press. (mmHg @ 25°C): NA
Vap. Density (Air = 1): NA
pH: 11.2

Sol. In Water: COMPLETE
Sp. Gravity (@25/25°C): 1.017
% Volatile by Volume: 87.5 incldg. H₂O
EVAP. RATE (BUTYL ACETATE=1): <1

Appearance and Odor: CLEAR, GREEN LIQUID OF MEDIUM VISCOSITY. LOW ODOR.

Section 2

Fire and Explosion Hazard Data

Flash Point: NONE
Method Used: TCC

Flammable Limits:
LEL (% Vol): NA UEL (% Vol): NA

Extinguishing Media: USE MEDIA SUITABLE FOR SURROUNDING FIRE.

Special Fire Fighting Equipment and Hazards: NONE REQUIRED.

Section 3

Reactivity Data

Stability: STABLE

Incompatibility: STRONG OXIDIZERS.

Hazardous Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE, AMMONIA,
NITROUS OXIDES, HYDROGEN CHLORIDE.

Hazardous Polymerization: WILL NOT OCCUR.

Section 4

Spill, Leakage, and Disposal Procedures

Action to be taken for Spills (Use Appropriate Safety Equipment): FLUSH WITH WATER.

Disposal Method: CONSULT FEDERAL, STATE AND LOCAL REGULATIONS.

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Section 5

Health Hazard Data -- Effect of Overexposure

Ingestion:MAY CAUSE GASTROINTESTINAL DISTRESS AND IRRITATION. MAY CAUSE BURNS TO GASTROINTESTINAL TRACT. MAY BE FATAL IF SUFFICIENT QUANTITY IS SWALLOWED.

Eye Contact:MAY CAUSE SEVERE EYE IRRITATION OR DAMAGE DEPENDING ON AMOUNT AND LENGTH OF EXPOSURE. CORROSIVE TO EYE TISSUE.

Skin Contact:MAY CAUSE MODERATE TO SEVERE IRRITATION.

Skin Absorption:WILL NOT OCCUR.

Inhalation:NO HARMFUL EFFECTS UNDER NORMAL USE CONDITIONS. IRRITATION OF MUCOUS MEMBRANES CAN OCCUR IF MATERIAL IS ATOMIZED AND INHALED.

Section 6

First Aid

Eyes:IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER WHILE HOLDING UPPER AND LOWER LIDS OPEN. GET MEDICAL ATTENTION IMMEDIATELY.

Skin:IMMEDIATELY FLUSH WITH LARGE AMOUNT OF WATER. REMOVE AND LAUNDRER CONTAMINATED CLOTHING BEFORE RE-USE. IF IRRITATION IS EVIDENT GET MEDICAL ATTENTION.

Inhalation:IN THE UNLIKELY EVENT THAT OVEREXPOSURE OCCURS, MOVE PERSON TO FRESH AIR. IF BREATHING IS DIFFICULT ADMINISTER OXYGEN. CALL A PHYSICIAN.

Ingestion:DRINK PROMPTLY A LARGE QUANTITY OF MILK, EGG WHITES, GELATIN SOLUTION OR WATER. AVOID ALCOHOL. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.

SUPPLEMENTAL HEALTH INFORMATION

ACUTE TOXICITY DATA

Eyes:N/A

Skin:N/A

Respiratory:N/A

Oral:PROBABLE MUCOSAL DAMAGE MAY CONTRAINDICATE THE USE OF GASTRIC LAVAGE. MEASURES AGAINST CIRCULATORY SHOCK AS WELL AS OXYGEN MAY BE NEEDED. IF PERSISTENT, CONVULSIONS MAY BE CONTROLLED BY THE CAUTIOUS INTRAVENOUS INJECTION OF A SHORT ACTING BARBITUATE DRUG. ACUTE ORAL LD50: 450 MG/KG (DIDECYL DIMETHYL AMMONIUM CHLORIDE).

CARCINOGENICITY: NTP: NO

IARC: NO

OSHA REGULATED?: NO

AUDIOLOGIST'S CHOICE® ULTRASONIC CLEANER/DISINFECTANT DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

DISINFECTION - To disinfect hard, inanimate surfaces apply solution with a mop, cloth, sponge or hand-pump trigger sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes and then remove excess liquid. For heavily soiled areas, a pre-cleaning step is required. Prepare a fresh solution for each use.

BACTERICIDAL ACTIVITY - When diluted at the rate of 2 ounces per gallon of water, this product exhibits effective disinfectant activity against the following organisms:

Enterobacter aerogenes	Brevibacterium ammoniagenes	Streptococcus faecalis
Klebsiella pneumoniae	Shigella dysenteriae	Salmonella schottmuelleri
Staphylococcus aureus	Salmonella choleraesuis	Escherichia coli

At this level, this product is also fungicidal against the pathogenic fungi, Trichophyton mentagrophytes.

At 3 ounces per gallon dilution, this product is an effective hospital disinfectant and demonstrates disinfectant activity against Pseudomonas aeruginosa in addition to the above microorganisms. ***VIRUCIDAL ACTIVITY** - This product when used on environmental, inanimate hard surfaces at 2 ounces per gallon of water exhibits effective virucidal activity against Influenza A2/Asian (representative of the common flu virus), Herpes Simplex Type 1 (causative agent of fever blisters and mononucleosis), Adenovirus Type 2 (causative agent of upper respiratory infections), and Vaccinia virus (representative of the pox virus group).

KILLS HIV-1 ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS in health care settings (hospitals, nursing homes) or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or body fluids, and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1 (HIV-1) (associated with AIDS).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.

PERSONAL PROTECTION: When handling items soiled with blood or body fluids use disposable latex gloves, gowns, masks, or eye coverings. **CLEANING PROCEDURES:** Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of this product. **CONTACT TIME:** Allow surface to remain wet for 10 minutes.

DISPOSAL OF INFECTIOUS MATERIALS: Blood and other body fluids should be autoclaved and disposed of according to local regulations for infectious waste disposal.

EFFICACY TESTS HAVE DEMONSTRATED THAT THIS PRODUCT IS AN EFFECTIVE BACTERICIDE, FUNGICIDE, AND VIRUCIDE* IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).

This product is not to be used as a terminal sterilant/high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS.

ANGER

KEEP OUT OF REACH OF CHILDREN. CORROSIVE. Causes severe eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling.

STATEMENT OF PRACTICAL TREATMENT

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. If swallowed, drink promptly a large quantity of egg whites or gelatin solution; or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

ENVIRONMENTAL HAZARDS

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL.

STORAGE - Store in a dry place no lower in temperature than 50°F or higher than 120°F.

CONTAINER DISPOSAL - Do not reuse empty container. Triple-rinse empty container with water. Plastic containers may be disposed of in a sanitary landfill, incinerated, or if allowed by local authorities, by burning. If burned, stay out of smoke. For containers 1 gallon or less: Do not reuse empty container (bottle, can, bucket). Wrap container and put in trash. **PESTICIDE DISPOSAL** - Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.



Manufactured for
Oaktree Products, Inc.
St. Louis, MO
1-800-347-1960
Made in U.S.A.