

MATERIAL SAFETY DATA SHEET

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OAKTREE PRODUCTS, INC. ST. LOUIS, MO. EMERGENCY PHONE: (800) 347-1960

H/H CAT# 3542

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 LAUNDRY 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