

WAVE ENERGY SYSTEMS INC. -- 0104 WAVICIDE-01 -- 6840-01-164-3159
===== Product Identification =====

Product ID:0104 WAVICIDE-01
MSDS Date:06/27/1994
FSC:6840
NIIN:01-164-3159
MSDS Number: BYPCD
=== Responsible Party ===
Company Name:WAVE ENERGY SYSTEMS INC.
Address:25 MANSARD COURT
City:WAYNE
State:NJ
ZIP:07470-5000
Country:US
Info Phone Num:800-252-1125/201-633/1012
Emergency Phone Num:800-252-1125/201-633-1012
CAGE:8G992
=== Contractor Identification ===
Com
pany Name:WAVE ENERGY SYSTEMS, INC.
Address:216 LITTLE FALLS ROAD
Box:City:CEDAR GROVE
State:NJ
ZIP:07009
Phone:(201) 857-1125
CAGE:8G992

===== Composition/Information on Ingredients =====

Ingred Name:GLUTARALDEHYDE
CAS:111-30-8
RTECS #:MA2450000
Fraction by Wt: 2.5%
Other REC Limits:0.2 PPM
OSHA PEL:0.2 PPM
ACGIH TLV:0.2 PPM

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenici

ty:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INGESTION: MAY CAUSE GENERAL SYSTEMIC ILLNESS. EYES: CONTACT W/LIQUID CAUSES IRRITATION. SKIN: POSSIBILITY OF SENSITIZATION EXISTS. FULL STRENGTH SOLUTION MAY CAUSE YELLOWING OF SKIN.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:NAUSEA, VOMITING, IRRITATION, NASAL DISCOMFORT.

===== First Aid Measures =====

First Aid:INGESTION: DON'T GIVE WATER. DON'T INDUCE VOMITING. E

YES:

FLUSH W/PLENTY OF WATER. SKIN: FLUSH THOROUGHLY W/WATER.

INHALATION: REMOVE TO FRESH AIR. OBTAIN MEDICAL ATTENTION IN ALL CASES.

===== Fire Fighting Measures =====

Flash Point:NONE

Extinguishing Media:CO2, FOAM, DRY CHEMICAL

Fire Fighting Procedures:USE SCBA & PROTECTIVE CLOTHING SHOULD BE WORN WHEN FIGHTING CHEMICAL FIRES.

===== Accidental Release Measures =====

Spill Release Procedures:FLUSH HEAVILY W/WATER.

VENTILATION IS
RECOMMENDED.

===== Handling and Storage =====

Handling and Storage Precautions:STORE AT ROOM TEMP, PERFERABLY IN A COOL PLACE.

Other Precautions:AVOID CONTACT W/EYES, PROLONGED & REPEATED CONTACT W/SKIN & CONTAMINATION OF FOOD. AVOID INHALATION.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NOT GENERALLY REQUIRED, BUT IN A CONFINED/POORLY VENTILATED AREA THE USE OF NIOSH APPROVED R

RESPIRATORY MAY BE
REQUIRED.

Ventilation:LOCAL EXHAUST SYSTEM AS NEEDED TO AVOID EXPOSURE TO VAPORS.

Protective Gloves:RECOMMENDED

Eye Protection:SAFETY GLASSES/SPLASH GOGGLES/FACESHIELD

Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE
REUSE.

Supplemental Safety and Health

THE TLV & OSHA PEL FOR THE PRODUCT IS 0.2 PPMV.

===== Physical/Chemical Properties =====

HCC:T5

Boiling Pt:B.P. Text:212F

Vapor Pres:16.9

Vapor Density:0.64

Spec Gravity:

1.005-1.013

pH:6.3

Evaporation Rate & Reference:(BU AC = 1): 0.81

Solubility in Water:COMPLETE

Appearance and Odor:A CLEAR, SLIGHTLY YELLOWISH LIQUID W/TYPICAL
ALDEHYDE ODOR & ADDED LEMON SCENT

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

ALKALIES CATALYZE AN ALDO-TYPE CONDENSATION (EXOTHERMIC BUT NOT
EXPECTED TO BE VIOLENT).

Stability Condition to Avoid:HIGH TEMPS (REMOVAL OF WATER, 200F).

Hazardous Decomposition Pr

oducts:THERMAL: CO₂, CO

===== Disposal Considerations =====

Waste Disposal Methods:WASTES RESULTING FROM THE USE OF THIS PRODUCT
MAY BE DISPOSED OF ON SITE/AT AN APPROVED WASTE DISPOSAL FACILITY
IAW/FEDERAL, STATE & LOCAL REGULATIONS.

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