

WAVE ENERGY SYSTEMS INC. -- 0104 WAVICIDE-01 -- 6840-00-597-7663

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Product Identification  
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Product ID:0104 WAVICIDE-01  
MSDS Date:06/27/1994  
FSC:6840  
NIIN:00-597-7663  
MSDS Number: BYNYT  
=== 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:800-252-1  
125/201-633-1012  
CAGE:8G992  
=== Contractor Identification ===  
Company Name:WAVE ENERGY SYSTEMS, INC.  
Address:216 LITTLE FALLS ROAD  
Box:City:CEDAR GROVE  
State:NJ  
ZIP:07009  
Phone:(201) 857-1125  
CAGE:8G992

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Composition/Information on Ingredients  
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Ingred Name:GLUTARALDEHYDE  
CAS:111-30-8  
RTECS #:MA2450000  
Fraction by Wt: 2.5%  
Other REC Limits:0.2 PPM  
ACGIH TLV:C 0.82 MG/CUM

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Hazards Identification  
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Routes of Entry: Inhalation

:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity: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.

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

First Aid

:INGESTION: DON'T GIVE WATER. DON'T INDUCE VOMITING. EYES: FLUSH W/PLENTY OF WATER. SKIN: FLUSH THOROUGHLY W/WATER. INHALATION: REMOVE TO FRESH AIR. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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===== 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.

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

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Spill Release Procedures:FLUSH HEAVILY W/WATER. VENTILATION IS RECOMMENDED.

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===== 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.

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

Respiratory Protection:NOT GENERALLY REQUIRED, BUT IN A CONFINED/

POORLY

VENTILATED AREA THE USE OF NIOSH APPROVED 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 =====

Boiling Pt:B.P. Text:212F

V

apor 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 Products:THERMAL: CO<sub>2</sub>, 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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