



WAVICIDE-01 (2% GLUTARALDEHYDE SOLUTION)

MSDS Number

BBHWG

National Stock Number

6840-01-164-3159

Product Name

WAVICIDE-01 (2% GLUTARALDEHYDE SOLUTION)

Manufacturer

WAVE ENERGY SYSTEMS INC

Product Identification

Product ID:WAVICIDE-01 (2% GLUTARALDEHYDE SOLUTION)

MSDS Date:01/01/1987

FSC:6840

NIIN:01-164-3159

MSDS Number: BBHWG

Responsible Party

WAVE ENERGY SYSTEMS INC

216 LITTLE FALLS ROAD

CEDAR GROVE , NJ 07009

US

Emergency Phone: 201-857-1125

Info Phone: 201-857-1125

Cage: 8G992

Contractor

WAVE ENERGY SYSTEMS, INC.

CEDAR GROVE, NJ 07009

(201) 857-1125

Cage: 8G992

Ingredients

WATER, H2O

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: 98%

GLUTARALDEHYDE

CAS: 111-30-8

RTECS: MA2450000

Fraction By Weight: 2%

OSHA PELC 0.2 PPM

ACGIH TLV: C 0.2 PPM; 9192

Hazards

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO



Health Hazards Acute and Chronic:INGESTION: NAUSEA, VOMITING/GENERAL SYSTEMIC ILLNESS. SKIN: PROLONGED/REPEATED CONTACT W/FULL-STRENGTH SOLUTION MAY CAUSE YELLOW/SENSITIZATION.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INGESTION: NAUSEA, VOMITING & ILLNESS. SKIN: PROLONGED/REPEATED CONTACT W/FULL-STRENGTH SOLUTION MAY CAUSE YELLOW/SENSITIZATION.

First Aid

First Aid:INGESTION: GIVE 2 GLASSES OF WATER & INDUCE VOMITING. CALL PHYSICIAN. SKIN: FLUSH W/WATER & REMOVE/WASH CONTAMINATED CLOTHING BEFORE WEARING AGAIN. INHALATION: REMOVE TO FRESH AIR. EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS. GET MED ATT.

Fire Fighting

Extinguishing Media:IF WATER IS EVAPORATED MATERIAL CAN BURN. USE CO₂, DRY CHEMICAL, FOAM, ALCOHOL, POLYMER OR WATER FOG

Fire Fighting Procedures:SELF-CONTAINED BREATHING APPARATUS & PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:NONE

Accidental Release

Spill Release Procedures:AS SOLUTION HAS AROMA, VENTILATION IS RECOMMENDED. BECAUSE LOW CONCENTRATIONS CAN BEGRADED IN A BIOLOGICAL TREATMENT SYSTEM, SPILLS CAN BE FLUSHED W/VERY LARGE QTY OF WATER INTO A STANDARD SEWER/SEPTIC SYSTEM OF APPROPRIATE FEDERAL, STATE/LOCAL REGS.

Handling

Handling and Storage Precautions:AVOID CONTAMINATION OF FOOD, CONTACT W/EYE. AVOID REPEATED/PROLONGED EXPOSURE TO FULL STRENGTH SOLUTION AS SENSITIZATION MAY DEVELOP.

Other Precautions:USE IN COVERED CONTAINERS WHENEVER POSSIBLE TO AVOID EVAPORATION & MINIMIZE AROMA. HEATED SOLUTION MUST BE KEPT IN COVERED CONTAINER UNTIL COOLED.

Exposure Controls

Respiratory Protection:NONE REQUIRED

Ventilation:LOCAL EXHAUST: NOT NECESSARY. MECHANICAL: RECOMMENDED

Protective Gloves:RECOMMENDED

Eye Protection:NONE REQUIRED

Other Protective Equipment:NONE REQUIRED

Work Hygienic Practices:REMOVE/WASH CONTAMINATED CLOTHING BEFORE WEARING AGAIN.

Supplemental Safety and Health

Chemical Properties

HCC:T6

Boiling Pt:B.P. Text:212F

Melt/Freeze Pt:M.P/F.P Text:30F

Vapor Pres:16.4

Vapor Density: 3.5

Spec Gravity:1.006

Evaporation Rate & Reference:(BU AC = 1): 0.88

Solubility in Water:100%

Appearance and Odor:CLEAR, LIGHT STRAW-COLORED LIQUID, PUNGENT AROMA.

Percent Volatiles by Volume:98%

Stability

Stability Indicator/Materials to Avoid:YES

ALKALIES CATALYZE AN ALDOL-TYPE CONDENSATION.

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

Conditions to Avoid Polymerization:POLYMERIZATION CAN OCCUR BUT AT TEMPS BELOW THE BOLING POINT OF WATER, IT IS NOT CONSIDERED HAZARDOUS.

Disposal



Waste Disposal Methods: UNDER NORMAL CONDITIONS USED SOLUTION MAY BE DISCARDED INTO A STANDARD SEWER OR SEPTIC SYSTEM. FOR LARGE SPILLS, SEE DIRECTIONS ABOVE.

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