

FUEL QUALITY SERVICES, INC. -- MICRO-GARD 4000 -- 6840-01-173-6940

===== Product Identification =====

Product ID:MICRO-GARD 4000

MSDS Date:10/20/1998

FSC:6840

NIIN:01-173-6940

MSDS Number: CKRTR

=== Responsible Party ===

Company Name:FUEL QUALITY SERVICES, INC.

Address:4584 CANTRELL ROAD

Box:1380

City:FLOWERY BRANCH

State:GA

ZIP:30542

Country:US

Info Phone Num:(800) 827-9790 - (770) 967-9790

Emer

gency Phone Num:(800) 424-9300

Chemtec Ind/Phone:(800)424-9300

CAGE:40161

=== Contractor Identification ===

Company Name:FUEL QUALITY SERVICES, INC.

Address:4584 CANTRELL ROAD

Box:1380

City:FLOWERY BRANCH

State:GA

ZIP:30542

Country:US

Phone:(800) 827-9790 - (770) 967-9790

Contract Num:SP0450-00-M-SF71

CAGE:40161

Company Name:FUEL QUALITY SERVICES, INC.

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ZIP:30542

Country:US

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Contract Num:SP0450-

02-M-M306  
CAGE:40161

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Composition/Information on Ingredients  
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Ingred Name:4-(2-NITROBUTYL)MORPHOLINE  
CAS:2224-44-4  
RTECS #:QE7397000  
Minumum % Wt:76.  
Maxumum % Wt:85.

Ingred Name:4,4'-(2-ETHYL-2-NITROTRIMETHYLENE) DIMORPHOLINE  
CAS:1854-23-5  
RTECS #:QE4200000  
Minumum % Wt:2.  
Maxumum % Wt:7.

Ingred Name:METHYLENE DIMORPHOLINE  
CAS:5625-90-1  
Minumum % Wt:3.9  
Maxumum % Wt:6.5

Ingred Name:MORPHOLINE  
CAS:110-91-8  
RTECS #:QD6475000  
Minumum % Wt:3.  
Maxumum % Wt:6.  
OSHA PE  
L:70 MG/M3;20 PPM  
ACGIH TLV:71 MG/M3;20 PPM

Ingred Name:1-NITROPROPANE  
CAS:108-03-2  
RTECS #:TZ5075000  
Minumum % Wt:.3  
Maxumum % Wt:5.3  
OSHA PEL:90 MG/M3;25 PPM  
ACGIH TLV:91 MG/M3;25 PPM

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Hazards Identification  
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LD50 LC50 Mixture:NO DATA PROVIDED BY RESPONSIBLE PARTY.  
Reports of Carcinogenicity:NTP:NO IARC:NO  
Health Hazards Acute and Chronic:CAUSES SEVERE EYE AND SKIN DAMAGE. MAY  
CAUSE SKIN SENSITIZATION. HARMFUL OR FATAL IF SWALLOWED OR ABSOR

BED

THROUGH THE SKIN. NON-MUTAGENIC IN AMES TEST.

Explanation of Carcinogenicity:NO DATA PROVIDED BY RESPONSIBLE PARTY.

Effects of Overexposure:CAUSES SEVERE EYE AND SKIN DAMAGE. MAY CAUSE SKIN SENSITIZATION. HARMFUL OR FATAL IF SWALLOWED OR ABSORBED THROUGH THE SKIN.

Medical Cond Aggravated by Exposure:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

First Aid:EYE: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST

15 MINUTES WHILE HOLDING EYELIDS WIDE APART. SEE A PHYSICIAN. SKIN: WASH EXPOSED SKIN THOROUGHLY WITH SOAP AND WATER. REMOVE AND LAUNDRER C ONTAMINATED CLOTHING BEFORE REUSE. DISCARD CONTAMINATED SHOES. INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF BREATHING HAS STOPPED, BEGIN ARTIFICIAL RESPIRATION AND SEEK MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. DRINK LARGE AMOUNTS OF FLUID, SUCH AS WATER, MILK, EGG WHITES, OR GELAT

IN. CONTACT A PHYSICIAN.

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

Flash Point Method:PMCC

Flash Point:=78.9C, 174.F

174 + 2F

Extinguishing Media:WATER SPRAY, CO2.

Fire Fighting Procedures:NONE KNOWN.

Unusual Fire/Explosion Hazard:NONE KNOWN.

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

Spill Release Procedures:CONTAIN SPILL, ABSORB WITH AN INERT MATERIAL (SAND), REMOVE AND FLUSH AREA WITH PLENTY OF WATER.

Neutralizing Agent:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Handling and Storage Precautions:DO NOT GET IN EYES OR ON SKIN OR CLOTHING. AVOID BREATHING MISTS. DO NOT STORE NEAR FOOD.

Other Precautions:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Respiratory Protection:GENERALLY NOT REQUIRED.

Ventilation:LOCAL EXHAUSTS.

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:CHEMICAL GOGGLES OR FUL

L FACE SHIELD.

Other Protective Equipment:IMPERVIOUS APRON AND RUBBER BOOTS.

Work Hygienic Practices:NO DATA PROVIDED BY RESPONSIBLE PARTY.

Supplemental Safety and Health

EPA REGISTERED PESTICIDE NUMBER: 48301-7-065597.

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

HCC:T4

Vapor Pres:90C