

QUALCHEM CO AFFIL OF GREEN GLOBE INSUSTRIES INC -- PC:122896 QUALCHEM 879371 --
6850-01-390-7816

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

Product ID:PC:122896 QUALCHEM 879371

MSDS Date:10/29/1996

FSC:6850

NIIN:01-390-7816

MSDS Number: CGMMM

=== Responsible Party ===

Company Name:QUALCHEM CO AFFIL OF GREEN GLOBE INSUSTRIES INC

Address:681 MAIN ST BLDG 12

City:BELLEVILLE

State:NJ

ZIP:07109

Country:US

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Info Phone Num:201-759-0195

Emergency Phone Num:201-759-0105/800-255-3924(CHEM-TEL)

CAGE:07XT7

=== Contractor Identification ===

Company Name:QUALCHEM CO DIV OF GREEN GLOBE INDUSTRIES INC

Address:600 MEADOWLANDS PKY NO 20

Box:City:SECAUCUS

State:NJ

ZIP:07094

Country:US

Phone:800-327-3456 FAX: 201-842-1307

CAGE:07XT7

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

Ingred Name:D-LIMONENE

CAS:5989-27-5

RTECS #:GW6360000

Fraction by Wt: 29%

Other REC Limits:NONE RECOMMENDED

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ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Other REC Limits:NONE RECOMMENDED

Ingred Name:2-BUTOXYETHANOL
CAS:111-76-2
RTECS #:KJ8575000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:S, 50 PPM
ACGIH TLV:S, 25 PPM; 9596

Ingred Name:MONATERGE LF-945, PROPRIETARY
RTECS #:9999999ZZ
Other REC Limits:NONE RECOMMENDED

Ingred Name:MONAMULSE 653 (PROPRIETARY)
RTECS #:9999999ZZ
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:N
ONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE:MAY CAUSE IRRIT OR BURNS ON
PROLONGED CONTACT.INHAL:HI VAPOR CONCEN MAY CAUSE DIZZ,NAU,OTHER
CNS EFFECTS.SKIN:PROLONGED CONTACT MAY IRRIT SKIN,DRY SKIN CAUSING
DERM.INGEST:MAY CAUSE IRRIT TO DIGES TIVE TRACT RESULTING IN
NAU,VOMIT.
Explanation of Carcinogenicity:PER MSDS:PRODUCT DOES NOT CONTAIN ANY
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NGREDS DESIGNATED BY AIRC/NTP/ACGIH/OSHA.PROD DOES NOT CONTAIN ANY
KNOWN CARC.
Effects of Overexposure:EYE IRRIT,BURNS,DIZZINESS,NAUSEA,OTHER CNS
EFFECTS.SKIN IRRIT,DRY SKIN,DERM.IRRIT DIGESTIVE
TRACT,NAUSEA,VOMITING. EYE:MAY CAUSE CHEM CONJUNCTIVITIS ON
PROLONGED CONTACT.SKIN:MAY CAUSE DERM.INHAL:MAY CAUSE INFLAMM OF
BRONCHIAL TISSUES.INGEST:NAU,DIARR,VOMIT.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== First Aid Measures ===

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First Aid:INHAL:REMOVE TO FRESH AIR.ADMINISTER OXYGEN.SEEK MED
HELP.EYE:FLUSH W/WATER.SEEK MED HELP.SKIN:FLUSH W/WATER,REMOVE
CONTAM CLOTH.SKIN IRRIT DEVELOPS SEEK MED ASSISTANCE.INGEST:GIVE
SEVERAL GLASSES OF WATER.DONT INDUCE VOMIT.SEEK MED ATTN.NOTE TO
PHYSICIAN:NO SPECIFIC ANTIDOTE.SUPPORTIVE CARE.TREATMENT BASED ON
JUDGMENT OF PHYSICIAN IN RESPONSE TO REACTION OF PATIENT.

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Fire Fighting Measures =====

Flash P
oint Method:TCC
Flash Point:125F,52C
Autoignition Temp:Autoignition Temp Text:NP
Lower Limits:N/ESTABLISHD
Upper Limits:N/ESTABLISHD
Extinguishing Media:WATER FOG, CARBON DIOXIDE, DRY CHEMICAL.
Fire Fighting Procedures:FLAMM LIQ.CAN FORM FLAMM MIXTURES @/ABOVE
FLASH PT.CONTAINERS CAN RUPTURE & EXPLO UNDER FIRE CONDITIONS TO
PRESSURE & VAPOR BUILDUP.SCBA W/FULL FACE SHIELD.
Unusual Fire/Explosion Hazard:FLAMM LIQ.CAN FORM FLAMM MIXTURES @/ABOVE
FLASH PT.CNTNRS CAN RUPTURE & EXPLO UNDE
R FIRE CONDITIONS TO
PRESSURE & VAPOR BUILDUP.

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Accidental Release Measures =====

Spill Release Procedures:ABSORB ON FIRE RETARDANT MATL.PICKUP & DISPO
OF AT APPROPRIATE WASTE FACILITY IN ACCORDANCE WITH LOCAL, STATE
AND FEDERAL REGULATIONS.REPORT SPILL TO APPROPRIATE AUTHORITIES.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage =====

Handling and Storage Precautions:KEEP IN COOL DRY
PLACE.
Other Precautions:KEEP CONTAINERS CLOSE WHEN NOT IN USE.

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Exposure Controls/Personal Protection =====

Respiratory Protection:NONE NEEDED UNDER NORMAL CONDITIONS.
Ventilation:NONE SPECIFIED BY MANUFACTURER.
Protective Gloves:CHEMICAL RESISTANT GLOVES
Eye Protection:GOGGLES OR SAFETY GLASSES
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health
DISPO:MAY CAUS LOCALIZE FISH KI

LL BUT NO PERSISTENT EFFECTS WILL
RESULT.

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

HCC:F4
Boiling Pt:=100.C, 212.F
Melt/Freeze Pt:=-1.1C, 30.F
Decomp Temp:Decomp Text:NP
Vapor Pres:17 @68F
Vapor Density:N/ESTABLIS
Spec Gravity:0.96
pH:7-9
VOC Grams/Liter:2.78
Viscosity:14CPS
Evaporation Rate & Reference:>5, BUTYL ACETATE=1
Solubility in Water:EMULSIFIES
Appearance and Odor:CLEAN YELLOW LIQUID, CITRUS ODOR
Percent Volatiles by Volume:80
Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES
ACIDS, REDOX AGENTS.
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:OXIDES OF CARBON AND NITROGEN.

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

Waste Disposal Methods:PRODUCT SUITABLE FOR DISPOSAL BY APPROVED
FACILITY OR CAN BE DISPOSED OF ANY GOVT APPROVED WASTE SITE.RCRA
INFO:PROD HAZ PER CFR261D.RCRA STATUS
:YES,FLAMM PER 40CFR261D;DOO1
IGN HAZ WASTE.NO SARA TITL E III CHEM.PROD CONTAINS SURFACTANTS
WHICH(SUPPLE)

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