

QUALCHEM CO AFFIL OF GREEN GLOBE INDUSTRIES INC -- QUALCHEM 879371 --  
6850-01-390-7816

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

Product ID:QUALCHEM 879371

MSDS Date:10/29/1996

FSC:6850

NIIN:01-390-7816

MSDS Number: CFFKQ

=== Responsible Party ===

Company Name:QUALCHEM CO AFFIL OF GREEN GLOBE INDUSTRIES INC

Address:681 MAIN STREET, BUILDING 12

City:BELLEVILLE

State:NJ

ZIP:07109

Country:US

Info Phone Num

:201-759-0195

Emergency Phone Num:800-255-3924

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

Ingred Name:SYNTHETIC DETERGENTS

Othe

r REC Limits:NONE RECOMMENDED

Ingred Name:GLYCOL ETHERS

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:TLV = 3 PPM

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

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

Health Hazards Acute and Chronic:EYES- MAY CAUSE IRRITATION OR BURNS ON PROLONGED CONTACT. INHALATION- HIGH VAPOR CONCENTRATIONS MAY CAUSE DIZZINESS OR NAUSEA AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS.

SKIN- PROLONGED CONTACT MAY IRRITATE OR DRY, CAUSING DERMATITIS.

INGESTION- MAY CAUSE IRRITATION TO THE DIGESTIVE TRACT.

Effects of Overexposure:SKIN- IRRITATION. INHALATION- HIGH VAPOR CONCENTRATIONS MAY CAUSE DIZZINESS OR NAUSEA. SKIN- IRRITATION OR DRYNESS. INGESTION- NAUSEA AND OR VOMITING.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALATION- REMOVE TO

FRESH AIR. ADMINISTER OXYGEN, SEEK

MEDICAL HELP. EYES- FLUSH WITH WATER, SEEK MEDICAL HELP. SKIN-

FLUSH WITH WATER. REMOVE CONTAMINATED CLOTHING. IF SKIN IRRITATION

DEVELOPS SEEK MEDICAL ASSISTANCE. INGESTION- GIVE SEVERAL GLASSES

OF WATER, DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:125F,52C

Extinguishing Media:WATER FOG, FOAM, CARBON DIOXIDE, DRY CHEMICAL.

Fire Fighting

Procedures:SELF-CONTAINED BREATHING APPARATUS WITH FULL FACE SHIELD.

Unusual Fire/Explosion Hazard:FLAMMABLE LIQUID. CAN FORM FLAMMABLE MIXTURES AT OR ABOVE THE FLASH POINT. CONTAINERS CAN RUPTURE AND EXPLODE UNDER FIRE CONDITIONS TO PRESSURE & VAPOR BUILDUP.

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

Spill Release Procedures:ABSORB ON FIRE RETARDANT MATERIAL. PICK UP AND DISPOSE OF AT APPROPRIATE WASTE FACILITY. CONTAINERS CAN RUPTURE AND EXPLODE

DE UNDER FIRE CONDITIONS TO PRESSURE AND VAPOR BUILDUP.

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

Handling and Storage Precautions:KEEP IN A COOL DRY PLACE.  
Other Precautions:KEEP CONTAINERS CLOSED 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 GLASS  
ES.  
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.  
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.  
Supplemental Safety and Health  
NONE

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

HCC:F4  
Boiling Pt:B.P. Text:212F,100C  
Melt/Freeze Pt:M.P/F.P Text:30.0F,-1.1C  
Vapor Pres:17  
Spec Gravity:0.96  
pH:7-9  
VOC Grams/Liter:2.78  
Evaporation Rate & Reference:>5 (BUTYL ACETATE=1)  
Solubility in Water:EMULSIFIES  
Appearance and Odor:CLEAR YELLOW LIQUID WITH A CITR  
US ODOR.  
Percent Volatiles by Volume:80

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

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

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE TO LOCAL, STATE, AND  
FEDERAL REGULATIONS. THE PRODUCT IS SUITABLE FOR DISPOSAL BY

AN

APPROVED FACILITY OR CAN BE DISPOSED BY ANY GOVERNMENT APPROVED  
WASTE SITE. RCRA INFORMATION- PRODUCT IS HAZARDOUS PER CFR 261D.

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