

QUALCHEM COMPANY -- 10578, CODE 1842-411 -- 6850-00-174-9672

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

Product ID:10578, CODE 1842-411

MSDS Date:11/01/1995

FSC:6850

NIIN:00-174-9672

MSDS Number: CFLCC

=== Responsible Party ===

Company Name:QUALCHEM COMPANY

Address:BUILDING 12, 681 MAIN STREET

City:BELLEVILLE

State:NJ

ZIP:07108

Country:US

Info Phone Num:201-759-0105

Emergency Phone Num:201-759-0105

Prepa

rer's Name:SIGNATURE NOT READABLE

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:CELLOSOLVE OR 2-ETHOXYETHANOL (SARA 313) (CERCLA)

CAS:110-80-5

RTECS #:KK8050000

Fraction by Wt: 11%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:S, 2

00 PPM  
ACGIH TLV:S, 5 PPM; 9596  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:PHOSPHORIC ACID (SARA 313) (CERCLA)  
CAS:7664-38-2  
RTECS #:TB6300000  
Fraction by Wt: 71%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1 MG/M3  
ACGIH TLV:1 MG/M3/3 STEL; 9596  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:NONIONIC SURFACTANT OR POLYOXYPROPYLENE GLYCOL  
CAS:9003-11-6  
RTECS #:MD0911050  
Other REC Limits:NONE RECOMMENDED

Ingred Name:WATER  
CAS:7732-18-5  
RTECS #:ZC0110000  
Other REC Limits:NONE RE  
COMMENDED

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

LD50 LC50 Mixture:PRODUCT'S LD50 (ORAL RAT) WAS NOT STATED  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EXPOSURE MAY CAUSE SKIN & EYE  
IRRITATION; MAY CAUSE BURNS, DERMATITIS, AGGRAVATE EXISTING SKIN  
CONDITIONS. INHALATION MAY CAUSE CNS EFFECTS. ASPIRATION WHEN  
SWALLOWING OR VOMITING MAY CAUSE LUNG DAMAG E. I  
NGESTION MAY CAUSE  
BURNS TO DIGESTINVE TRACT. CHRONIC EFFECTS: UNKNOWN.  
Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%  
OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.  
Effects of Overexposure:EYE-IRRITATION, BLURRED VISION.  
SKIN-IRRITATION, BURNS, DERMATITIS. INHALATION-HEADACHE, DIZZINESS,  
ANESTHETIC & OTHER CNS EFFECTS. INGESTION-SMALL AMOUNTS MAY BE  
DRAWN INTO LUNGS & MAY CAUSE BURNS & INFLAMATION; MAY BURN G/I  
TRACT.  
Medical Cond

Aggravated by Exposure:MAY AGGRAVATE EXISTING SKIN  
CONDITIONS.

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

First Aid:GET IMMEDIATE MEDICAL ATTENTION. INHALATION-REMOVE TO FRESH AIR. GIVE OXYGEN AS NEEDED. EYE-FLUSH W/PLENTY OF WATER. SKIN-WASH W/SOAP & WATER. REMOVE CONTAMINATED CLOTHING. INGESTION-GIVE SEVERAL GLAS SES OF WATER. DO NOT INDUCE VOMITING. NOTE TO PHYSICIAN-PRODUCT IS AN INDUSTRIAL DEGREASER WHICH CONTAINS SOAP & GLYCOL ETHERS.

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

Autoignition Temp:Autoignition Temp Text:NA  
Extinguishing Media:NONE SPECIFIED BY MANUFACTURER. DLA-HMIS: USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.  
Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER. DLA-HMIS: WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL FIRE FIGHTER'S PROTECTIVE GEAR.  
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:LARGE SPILLS-SOAK UP W/SAND OR SWEEPING COMPOUNDS & DISPOSE AS A SOLID. FOR SMALL SPILLS USE AN INDUSTRIAL SEWER.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CONTAINER CLOSED WHEN NOT IN USE.  
Other Precautions:NONE.

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

Respiratory Protection:NONE NEEDED UNDER NORMAL CONDITI  
ONS.  
Ventilation:ENGINEERING CONTROLS:STORE IN A COOL, DRY PLACE.  
Protective Gloves:RUBBER GLOVES  
Eye Protection:FACE SHIELD OR SAFETY GLASSES.  
Other Protective Equipment:MFR GAVE NO INFORMATION OF MSDS.  
Work Hygienic Practices:MFR GAVE NO INFORMATION OF MSDS.  
Supplemental Safety and Health  
NONE.

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

HCC:C1  
NRC/State Lic Num:NONE  
Boiling Pt:B.P. Text:212F,100C  
Spec Gravity:1.612  
pH:>1.0  
VOC Grams/Liter:1.8  
Viscosity:2.3 CPS  
Evapo

ration Rate & Reference:1.2 (WATER = 1)  
Solubility in Water:COMPLETE  
Appearance and Odor:WATER WHITE LIQUID; MILD ODOR.  
Percent Volatiles by Volume:90

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

Stability Indicator/Materials to Avoid:YES  
ALKALI, REDOX AGENTS, ALUMINUM FINES.  
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.  
Hazardous Decomposition Products:OXIDES OF CARBON, PHOSPHORUS.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND  
FEDERAL ENVIRONMENTAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional ad  
vice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.