

QUALCHEM COMPANY -- QUALCHEM WINDCLEAN 1901 -- 6850-01-347-0073

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

Product ID:QUALCHEM WINDCLEAN 1901

MSDS Date:11/01/1996

FSC:6850

NIIN:01-347-0073

MSDS Number: CDVVM

=== Responsible Party ===

Company Name:QUALCHEM COMPANY

Address:BUILDING 12, 681 MAIN STREET

City:BELLEVILLE

State:NJ

ZIP:07109

Country:US

Info Phone Num:201-759-0105

Emergency Phone Num:201-759-0105

CAGE:KO516

=== Contractor Identification ===

Company Name:QUALCHEM / HELION INDUSTRIES, INC.

Address:BLD 12, 681 MAIN STREET

Box:City:BELLEVILLE

State:NJ

ZIP:07109

Country:US

Phone:201-759-0105

CAGE:KO516

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:ETHYL ALCOHOL (ETHANO

L)
CAS:64-17-5
RTECS #:KQ6300000
Fraction by Wt: 51%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM; 9596

Ingred Name:NON-HAZARDOUS INGREDIENTS
Fraction by Wt: 49%
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NOT GIVEN FOR PRODUCT AS A WHOLE
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE CONTACT MAY CAUSE IRRITATION,
BLURRED VISION. INHALATION MAY CAUSE HEADACHES, DIZZINESS,
ANESTHESIA AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS. PROLONGED SKIN
CONTACT MAY CAUSE IRRITATION AND DERMATITIS. SMALL AMOUNTS MAY BE
DRAWN INTO LUNGS BY SWALLOWING OR VOMITING. THIS MAY CAUSE BURNS
AND INFLAMMATION OF BRONCHI.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.

Effects of Overexposure:EYE IRRITATION, BLURRED VISION, HEADACHES,
DIZZINESS, ANESTHESIA, SKIN IRRITATION, DERMATITIS, BURNS AND
INFLAMMATION OF BRONCHI, BURNS TO DIGESTIVE TRACT.
Medical Condition Aggravated by Exposure:MAY AGGRAVATE EXISTING SKIN
CONDITIONS.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS
OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING.
WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL
ATTENTION. INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET
MEDICAL ATTENTION. INGESTION: GIVE SEVERAL GLASSES OF WATER TO
DRINK IF CONSCIOUS. DO NOT INDUCE VOMITING. IF OCCURS, KEEP HEAD
BELOW HIPS. GET MEDICAL

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

Flash Point Method:TCC
Flash Point:65.0F, 18.3C
Lower Limits:3.3 %
Upper Limits:19.0 %
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, BC/ABC EXTINGUISHERS
Fire Fighting

ting Procedures:USE WATER SPRAY TO KEEP DRUMS COOL. USE
SELF-CONTAINED BREATHING APPARATUS WHEN FIGHTING FIRES.
Unusual Fire/Explosion Hazard:VAPOR FROM THIS PRODUCT MAY TRAVEL OR BE
MOVED BY AIR CURRENTS AND IGNITE BY OPEN FLAME AND SPARKS.

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

Spill Release Procedures:EXTINGUISH ALL SOURCES OF IGNITION UNTIL THE
AREA IS DETERMINED TO BE FREE FROM FIRE OR EXPLOSION HAZARD. SMALL
SPILLS MAY BE FLUSHED WITH LARGE AM
OUNTS OF WATER. LARGER SPILLS
SHOULD BE COLLECTED FOR DISPOSAL.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CONTAINER CLOSED WHEN NOT IN USE.
STORE IN A COOL DRY PLACE.
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:NONE REQUIRED UNDER NORMAL CONDITIONS
Ventilation:EXHAUST VENTIL
ATION SUFFICIENT TO KEEP AIRBORNE
CONCENTRATIONS BELOW RESPECTIVE TLV'S.
Protective Gloves:RUBBER
Eye Protection:CHEMICAL GOGGLES, SAFETY GLASSES W/SIDES
Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS NECESSARY TO
PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE
AVAILABLE.
Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER
BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.
Supplemental Safety and Health
REMOVE AND WASH CONTAMINAT
ED CLOTHING BEFORE REUSE.

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

HCC:F2
Boiling Pt:B.P. Text:185F,85C
Melt/Freeze Pt:M.P/F.P Text:-22F,-30C
Vapor Pres:NOT GIVEN
Vapor Density:17 MM
Spec Gravity:0.89
pH:4.4
Evaporation Rate & Reference:1.2 (WATER=1)
Solubility in Water:COMPLETE
Appearance and Odor:BLUE LIQUID WITH MILD ODOR
Percent Volatiles by Volume:99 %

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

Stability Indicator/Materials to Av

oid:YES

ACIDS, REDOX AGENTS

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, OPEN FLAMES

Hazardous Decomposition Products:OXIDES OF CARBON AND NITROGEN

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL 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 advice to verify and assume responsibility for the suitability of this information to their particular situation.