

FINE ORGANICS CORP -- ENVIROSOLVE CRX -- 6850-01-344-4060

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

Product ID:ENVIROSOLVE CRX  
MSDS Date:10/19/1998  
FSC:6850  
NIIN:01-344-4060  
Status Code:A  
MSDS Number: CJTSY  
=== Responsible Party ===  
Company Name:FINE ORGANICS CORP  
Address:420 KULLER RD  
Box:2277  
City:CLIFTON  
State:NJ  
ZIP:07015  
Country:US  
Info Phone Num:973-478 1000  
Emergency Phone Num:973-478-1000/800-526  
-7480  
Resp. Party Other MSDS Num.:440-130-2  
Preparer's Name:MSDS COORDINATOR  
Chemtrec Ind/Phone:(800)424-9300  
CAGE:05867  
=== Contractor Identification ===  
Company Name:FINE ORGANICS CORP  
Address:420 KULLER RD  
Box:2277  
City:CLIFTON  
State:NJ  
ZIP:07015  
Country:US  
Phone:973-478 1000  
Contract Num:SP0450-99-M-C269  
CAGE:05867

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

Ingred Name:D-LIMONENE  
CAS:5989-27-5  
RTECS #:GW6360000  
= Wt:30.  
Other REC Limits:NONE RECOMMENDED

Ingred Na

me:DIETHYLENE GLYCOL MONOBUTYL ETHER

CAS:112-34-5

RTECS #:KJ9100000

= Wt:10.

Other REC Limits:NONE RECOMMENDED

Ingred Name:MONOETHANOLAMINE

CAS:141-43-5

RTECS #:KJ5775000

&lt; Wt:10.

Other REC Limits:NONE RECOMMENDED

OSHA PEL:3 PPM

OSHA STEL:6 PPM

ACGIH TLV:3 PPM

ACGIH STEL:6 PPM

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

LD50 LC50 Mixture:NOT PROVIDED.

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

Health Hazards Acute and Chronic:POTENTIAL HEALTH EFFECTS: INH

ILATION:

HIGH VAPOR CONCENTRATIONS MAY BE IRRITATING TO THE EYES, NOSE, AND RESPIRATORY TRACT. MAY CAUSE HEADACHES, DIZZINESS AND NAUSEA. USE WITH ADEQUATE VENTILATION. EYE CONTACT: CONTACT WILL CAUSE IRRITATION AND/OR BURNS. SKIN CONTACT: CONTACT WILL CAUSE IRRITATION AND/OR BURNS. INGESTION: INGESTION WILL CAUSE IRRITATION TO GASTROINTESTINAL TRACT. CHRONIC: NONE CURRENTLY KNOWN.

Explanation of Carcinogenicity:NOT PROVIDED.

Effects of Overexposure:HIGH VAPOR CONCENTR

ATIONS MAY BE IRRITATING TO

THE EYES, NOSE, AND RESPIRATORY TRACT. MAY CAUSE HEADACHES, DIZZINESS AND NAUSEA. EYE CONTACT WILL CAUSE IRRITATION AND/OR BURNS. SKIN CONTACT WILL CAUSE IRRITATION AND/OR BURNS. INGESTION WILL CAUSE IRRITATION TO GASTROINTESTINAL TRACT.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING ASTHMA-LIKE CONDITIONS.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. ADMINISTER A

RTIFICIAL

RESPIRATION IF BREATHING HAS STOPPED. SEEK MEDICAL ATTENTION IN NECESSARY INSTANCES. EYE CONTACT: FLUSH THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES WITHIN ONE MINUTE OF CONTACT. SKIN CONTACT: WASH AREAS OF CONTACT WITH GENEROUS AMOUNTS OF WATER. REMOVE CONTAMINATED CLOTHING. LAUNDRER BEFORE REUSE. INGESTION: IF SWALLOWED, DO NOT INDUCE VOMITING. GIVE PLENTY OF WATER. SEEK MEDICAL ATTENTION IN ANY NECESSARY INSTANCES.

=====  
Measures =====

Flash Point Method:TCC

Flash Point:=-51.7C, 125.F

165F (COC)

Autoignition Temp:Autoignition Temp Text:N/E

Lower Limits:NOT ESTABLIS

Upper Limits:NOT ESTABLIS

Extinguishing Media:CARBON DIOXIDE,FOAM OR SUITABLE DRY CHEMICAL EXTINGUISHER.

Fire Fighting Procedures:KEEP EXPOSED DRUMS COOL WITH WATER SPRAY.SELF-CONTAINED BREATHING APPARATUS SHOULD BE WORN IF PRODUCT IS PRESENT DURING FIRE.

Unusual Fire/Explosion Hazard:GUARD AGAINST SPONTANEOUS COMBUSTION OF

MATERIALS USED IN THE WIPING OPERATION.

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

Spill Release Procedures:IF OUTDOORS, ADD SAND, EARTH OR OTHER ABSORBENT TO SPILL AREA. KEEP PRODUCT OUT OF SEWERS AND WATER COURSES BY DIKING OR IMPOUNDING. INSIDE SPILLAGE, SHUT OFF OR ELIMINATE ALL IGNITION SOURCES AND REMOVE WITH ABSORBENT MATERIAL. SWEEP UP ABSORBENT MATERIAL AND FOLLOW WASTE DISPOSAL METHODS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE BETWEEN 32 TO 100F.:REASONABLE CARE AND PRECAUTIONS WHEN HANDLING THIS MATERIAL ARE STRONGLY RECOMMENDED. KEEP FROM FREEZING. KEEP OUT OF DIRECT SUNLIGHT.

Other Precautions:THIS CONTAINER MAY BE HAZARDOUS WHEN EMPTIED. EMPTIED CONTAINERS MAY RETAIN PRODUCT RESIDUES (VAPOR OR LIQUID). OBSERVE ALL LABELED HAZARD PRECAUTIONS.

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

=

Respiratory Protection:RESPIRATORY PROTECTION IN ACCORDANCE WITH 29CFR1910.134 AND ANSI Z88.2-1969 MUST BE WORN WHEN THE CONCENTRATION OF HAZARDOUS MATERIALS ARE AT OR ABOVE THE TLV SET BY ACGIH OR OSHA.

Ventilation:CONTROL AIRBORNE CONCENTRATIONS BELOW EXPOSURE GUIDELINES.USE ONLY WITH ADEQUATE VENTILATION.LOCAL EXHAUST VENTILATION MAY BE NECESSARY

Protective Gloves:NEOPRENE

Eye Protection:SAFETY GOGGLES AND OR FACE SHIELD MUST BE WORN

Other Protective Equipment:NOT PROVIDED.

Work Hygienic Practices:NOT PROVIDED.

Supplemental Safety and Health

P/N: 2-5313.

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

HCC:F7

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=98.9C, 210.F

B.P. Text:TO 325F

Melt/Freeze Pt:1

Spec Gravity:0.95

pH:10.5

Evaporation Rate & Reference:NOT AVAILABLE.

Solubility in Water:APPRECIABLE

Appearance and Odor:CLEAR LIQUID - CITRUS ODOR

Percent Volatiles by Volume:40

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

=====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG ACIDS

Stability Condition to Avoid:NOT PROVIDED.

Hazardous Decomposition Products:FUMES, SMOKE, OXIDES OF CARBON

===== Toxicological Information =====

Toxicological Information:NOT PROVIDED.

===== Ecological Information =====

Ecological:NOT PROVIDED.

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

Waste Disposal Methods:DISPO

SE IN ACCORDANCE WITH ALL LOCAL, STATE AND  
FEDERAL REGULATIONS. DISPOSAL RECOMMENDATIONS APPLY TO THE ORIGINAL  
MATERIAL AND ITS CONTAINER AND NOT ANY MATERIALS WHICH ARE A WASTE  
BY-PRODUCT OF THE USER'S OPERATION.

===== MSDS Transport Information =====

Transport Information:DOT PROPER SHIPPING NAME: FLAMMABLE LIQUIDS,  
CORROSIVE, N.O.S. (D'LIMONENE, ETHANOLAMINE). HAZARD CLASS AND  
PACKING GROUP: 3, PG III. IDENTIFICATION NUMBER: UN 2924.

=====  
===== Regulatory Information =====

SARA Title III Information:SECTION 311/312 HAZARD CATEGORIES: ACUTE  
HEALTH HAZARD AND FIRE HAZARD. 313 REPORTABLE INGREDIENT: GLYCOL  
ETHER.

Federal Regulatory Information:NOT PROVIDED.

State Regulatory Information:NOT PROVIDED.

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.