

FINE ORGANICS CORP -- FO 448 -- 6850-00-224-6665

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

Product ID:FO 448  
MSDS Date:05/17/2000  
FSC:6850  
NIIN:00-224-6665  
Status Code:A  
MSDS Number: CKSDG  
=== 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  
Resp. Party Other MSDS N  
um.:392-25  
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:SP0450-00-M-SG15  
CAGE:05867

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

Ingred Name:SOLVENT NAPHTHA (PETROLEUM), HEAVY AROMATIC  
CAS:64742-94-5  
RTECS #:WF3100000  
= Wt:90.

Ingred Name:ETHYLENE GLYCOL MONOBUTYL ETHE

R  
CAS:111-76-2  
RTECS #:KJ8575000  
= Wt:1.  
OSHA PEL:240 MG/M3;50 PPM  
ACGIH TLV:121 MG/M3;25 PPM

Ingred Name:CYCLOHEXANOL  
CAS:108-93-0  
RTECS #:GV7875000  
= Wt:1.  
OSHA PEL:200 MG/M3;50 PPM  
ACGIH TLV:206 MG/M3;50 PPM

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

LD50 LC50 Mixture:NO DATA PROVIDED BY RESPONSIBLE PARTY.  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHALATION: HIGH VAPOR CONCENTRATIONS  
ARE IRRITATING TO THE RESPIRATOR  
Y TRACT AND MAY CAUSE HEADACHES,  
DIZZINESS, DROWSINESS, UNCONSCIOUSNESS AND OTHER CENTRAL NERVOUS  
SYSTEM EFFECTS. EYE CONTACT: CON TACT WILL CAUSE IRRITATION. SKIN  
CONTACT: MAY CAUSE SKIN IRRITATION AND/OR DERMATITIS. INGESTION:  
INGESTION MAY LEAD TO PULMONARY INJURY IF ASPIRATED INTO THE LUNGS.  
CHRONIC: NONE CURRENTLY KNOWN.

Explanation of Carcinogenicity:NO DATA PROVIDED BY RESPONSIBLE PARTY.  
Effects of Overexposure:INHALATION: HIGH VAPOR CONCENTRATIONS ARE  
IRRITATING T  
O THE RESPIRATORY TRACT AND MAY CAUSE HEADACHES,  
DIZZINESS, DROWSINESS, UNCONSCIOUSNESS AND OTHER CENTRAL NERVOUS  
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CONTACT: MAY CAUSE SKIN IRRITATION AND/OR DERMATITIS. INGESTION:  
INGESTION MAY LEAD TO PULMONARY INJURY IF ASPIRATED INTO THE LUNGS  
Medical Cond Aggravated by Exposure:DERMATITIS.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. ADMINISTER  
ARTIFICIAL  
RESPIRATION IF BREATHING 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.

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===== Fire Fighting Mea

sures =====

Flash Point Method:TCC

Flash Point:=65.6C, 150.F

Autoignition Temp:>426.7C, 800.F

Lower Limits:1.8

Upper Limits:11.7

Extinguishing Media:FOAM, DRY CHEMICAL OR WATER SPRAY.

Fire Fighting Procedures:USE WATER SPRAY TO COOL FIRE EXPOSED SURFACES.

WEAR APPROVED SELF-CONTAINED BREATHING APPARATUS

Unusual Fire/Explosion Hazard:LIQUID OR VAPOR MAY SETTLE IN LOW AREAS

OR TRAVEL SOME DISTANCE ALONG THE GROUND OR SURFACE TO IGNITION SOURCES WHERE THEY MAY IGNITE O

R EXPLODE.

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

Spill Release Procedures:IF OUTDOORS, ADD SAND, EARTH OR OTHER SUITABLE 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:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Handling and Storage Precautions:STORE IN A COOL, DRY AREA, AWAY FROM ALL SOURCES OF HEAT AND IGNITION. EMPTY CONTAINERS: EMPTIES CONTAINERS MAY RETAIN HAZARDOUS RESIDUE AND EXPLOSIVE VAPORS. KEEP AWAY FROM HEAT, SPARKS AND FLAMES. DO NOT CUT, PUNCTURE OR WELD ON OR NEAR THIS CONTAINER.

Other Precautions:FOLLOW LABEL WARNINGS UNTIL CONTAINER IS THOROUGHLY CLEANED OR DESTROYED.

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

Respiratory Protection:RESPIRATORY PROTECTION IN ACCORDANCE WITH 29 CFR 1910.134 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 THE EXPOSURE GUIDELINES. USE ONLY WITH ADEQUATE VENTILATION. LOCAL EXHAUST VENTILATION MAY BE NECESSARY.

Protective Gloves:NEOPRENE GLOVES.

Eye Protection:SAFETY GOOGLES AND/OR FACE SHIELD IAW 29 CFR 1910

.13 &

ANSI Z87.1-1968.

Other Protective Equipment:NO DATA PROVIDED BY RESPONSIBLE PARTY.

Work Hygienic Practices:REMOVE CONTAMINATED CLOTHING. LAUNDER BEFORE REUSE.

Supplemental Safety and Health

DO NOT USE IN POORLY VENTILATED OR CONFINED SPACES WITHOUT PROPER RESPIRATORY PROTECTION. DO NOT ATOMIZE. USE EXHAUST VENTILATION TO KEEP AIRBORNE CONCENTRAIONS BELOW EXPOSURE LIMITS.

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

HCC:V4

Boiling Pt:B.P. Text:363-4

01F

Vapor Pres:0.5 MM HG @ 20C

Vapor Density:4.6

Spec Gravity:0.89 @ 25C

pH:8.5-9.5:10% V/V

Evaporation Rate & Reference:0.06 (BUTYL ACETATE=1)

Solubility in Water:EMULSIFIES

Appearance and Odor:CLEAR YELLOW LIQUID, AROMATIC ODOR.

Percent Volatiles by Volume:95

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:NO DATA PROVIDED BY RESPONSIBLE PARTY.

Hazardous Decomposition Prod

ucts:NONE.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Toxicological Information:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Ecological:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE & FEDERAL REGULATIONS. DISPOSAL RECOMMENDA

TIONS APPLY TO THE

ORIGINAL MATERIAL AND ITS CONTAINER AND NOT ANY MATERIALS WHICH ARE WASTE BY-PRODUCT OF THE USE R'S OPERATION.

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

Transport Information:US DOT PROPER SHIPPING NAME: COMBUSTIBLE LIQUID, N.O.S. (PETROLEUM DISTILLATE). HAZARD CLASS & PACKAGING GROUP: COMBUSTIBLE LIQUID, PG III. IDENTIFICATION NUMBER: NA1993. NOTE FROM DLA-HMIS STAFF: THI S PROPER SHIPPING NAME, ETC WILL ONLY APPLY TO BULK

(> 119 GALLONS) SHIPMENTS PER 49 CFR 173.150(F).

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

SARA Title III Information:SECTION 311/312 HAZARD CATAGORIES: IMMEDIATE & DELAYED HEALTH HAZARDS; FIRE HAZARD. 313 REPORTABLE INGREDIENTS: CYCLOHEXANOL, GLYCOL ETHER.

Federal Regulatory Information:CERCLA: NO.

State Regulatory Information:NO DATA PROVIDED BY RESPONSIBLE PARTY.

===== Other Information =====

Disclaimer (provided with this information by the compiling agencies):

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