

FINE ORGANICS CORP -- FO-606-ADD B -- 8010-01-397-3992

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

Product ID:FO-606-ADD B

MSDS Date:10/23/1995

FSC:8010

NIIN:01-397-3992

MSDS Number: CBTKG

=== Responsible Party ===

Company Name:FINE ORGANICS CORP

Address:205 MAIN ST

Box:687

City:LODI

State:NJ

ZIP:07644-0687

Country:US

Info Phone Num:800-526-7480

Emergency Phone Num:201-472-6800 CHEMTREC 800-424-9300

Prepa

er's Name:MSDS COORDINATOR

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

CAGE:05867

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

Ingred Name:N-METHYLPYRROLIDONE

CAS:872-50-4

RTECS #:UY5790000

Fraction by Wt: 100%

Other REC Limits:100 PPM TWA

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

LD50 LC50 Mixture:NONE SPECIFIED BY

MANUFACTURER.

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

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

Health Hazards Acute and Chronic:ACUTE:INHALATION OF VERY HIGH

CONCENTRATIONS OF VAPOR MAY CAUSE IRRITATION OF NOSE & RESPIRATORY TRACT.EXPOSURE MAY CAUSE IRRITATION OF EYES.INGESTION MAY CAUSE GI TRACT IRRITATION.ASPIRATION MAY CAUSE LUNG INJURY.CHRONIC:PROLONGED EXPOSURE MAY CAUSE CONJUNCTIVITIS AND SEVERE DERMATITIS.

Explanation of Carcinogenicity:THIS

PRODUCT IS NOT LISTED BY IARC, NTP

OR OSHA AS A CARCINOGEN, MUTAGEN, TERATOGEN OR NEUROTOXIN.

Effects of Overexposure:INHALED-IRRITATION OF NOSE & RESPIRATORY TRACT.

HEADACHES, DIZZINESS, NAUSEA. EYES-IRRITATION, BURNS.

SKIN-BLISTERS, CRACKING, EDEMA. INGESTED-GI TRACT IRRITATION.

Medical Cond Aggravated by Exposure:PRE-EXISTING DERMATITIS.

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

First Aid:IN ALL CASES GET MEDICAL ATTENTION. EYES-FLUSH WITH WATER FOR 15 MINUTES. SKIN-REMOVE CONTAMINATED CLOTHES. WASH WITH MILD SOAP & WATER. INHALED-REMOVE TO FRESH AIR. ADMINISTER OXYGEN OR ARTIFICIAL RESPIRATION AS NEEDED. INGESTED-DO NOT INDUCE VOMITING! IF UNCONSCIOUS, GIVE PLENTY OF WATER.

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

Flash Point Method:TCC

Flash Point:201F,94C

Autoignition Temp:Autoignition Temp Text:518F

Lower Limits:1.3

Upper Limits:9.5

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

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL FIRE FIGHTER'S PROTECTIVE GEAR. USE WATER TO COOL FIRE EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:MODERATE FIRE HAZARD WHEN EXPOSED TO HEAT OR FLAME.

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

Spill Release Procedures:ADD SAND, EARTH OR OTHER SUITABLE ABSORBENT. KEEP PRODUCT OUT OF SEWERS & WATER COURSES. ELIMINATE ALL SOURCES OF IGNITION.

Neutralizing Agent:NONE

SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:REASONABLE CARE AND PRECAUTIONS WHEN HANDLING THIS MATERIAL ARE STRONGLY RECOMMENDED. DO NOT STORE AT TEMPERATURES ABOVE 100F.

Other Precautions:KEEP OUT OF DIRECT SUNLIGHT.EMPTIED CONTAINERS MAY RETAIN HAZARDOUS RESIDUE & EXPLOSIVE VAPORS.KEEP WAY FROM HEAT,SPARKS & FLAMES.DO NOT CUT,PUNCTURE OR WELD ON OR NEAR THIS CONTAINER.FOLLOW LABEL WARNINGS UNTIL CONTAINER CLEANED/DESTROYED.

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

Respiratory Protection:IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR AN EMERGENCY OCCURS; WEAR AN MSHA/NIOSH APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE OR AN AIR-SUPPLIED RESPIRATOR OR SCBA, AS REQUIRED. USE IAW 29 CFR 1910.134.

Ventilation:USE ADEQUATE MECHANICAL VENTILATION OR LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:NEOPRENE.

Eye Protection:

CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT. DLA-HMIS: EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

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

HCC:T6

Boiling Pt:B.P. Text:395F,202C

Vapor Pres:0.29

Vapor Density:3.4

Spec Gravity:1.0

Evaporation Rate &

mp; Reference:0.06 (N-BUTYL ACETATE=1)

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR LIQUID; SLIGHT AMINE ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING OR REDUCING AGENTS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:CARBON MONOXIDE AND OXIDES OF NITROGEN.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL ENVIRONMENTAL REGULATIONS. DISPOSAL RECOMMENDATIONS APPLY TO ORIGINAL MATERIAL AND ITS CONTAINER AND NOT ANY MATERIALS WHICH ARE WASTE BY-PRODUCT OF THE USER'S OPERATION.

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