

SUPERIOR FLUX AND MFG CO -- SUPERIOR NO. 97 -- 3439-00-220-3827

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

Product ID: SUPERIOR NO. 97

MSDS Date: 11/12/1998

FSC: 3439

NIIN: 00-220-3827

MSDS Number: CKSZZ

=== Responsible Party ===

Company Name: SUPERIOR FLUX AND MFG CO

Address: 6615 PARKLAND BLVD

City: CLEVELAND

State: OH

ZIP: 44139

Country: US

Info Phone Num: 440-349-3000

Emergency Phone Num: 800-424-9300

Preparer's

Name: NOT PROVIDED

Chemtrec Ind/Phone: (800)424-9300

CAGE: 87618

=== Contractor Identification ===

Company Name: AUFHAUSER CORP

Address: 39 WEST MALL

Box: City: PLAINVIEW

State: NY

ZIP: 11803-4209

Country: US

Phone: 212-757-6824/FAX: 516-694-8690

Contract Num: SP0490-00-M-BJ65

CAGE: 59401

Company Name: AUFHAUSER CORP

Address: 39 WEST MALL

Box: City: PLAINVIEW

State: NY

ZIP: 11803-4209

Country: US

Phone: 212-757-6824/FAX: 516-694-8690

Contract Num: SP0490-01-M-Q961

CAGE: 59401

Company Name: SUPERIOR FLUX AND MFG CO

Add

Address:6615 PARKLAND BLVD
City: SOLON (FORMALLY CLEVELAND)
State: OH
ZIP: 44139
Country: US
Phone: 440-349-3000
CAGE: 87618

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Composition/Information on Ingredients
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Ingredient Name: ISOPROPANOL
CAS: 67-63-0
RTECS #: NT8050000
Minimum % Wt: 55.
Maximum % Wt: 65.
Other REC Limits: NOT PROVIDED
OSHA PEL: 980 MG/M3; 400 PPM
ACGIH TLV: 983 MG/M3; 400 PPM
ACGIH STEL: 1230 MG/M3; 500 PPM

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Hazards Identification
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LD50 LC50 Mixture: NOT PROVIDED
Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES
Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: NO
Health Hazards Acute and Chronic: SYMPTOMS OF OVEREXPOSURE: DIZZINESS, BLURRED VISION, HEADACHE, IRRITATION OF MUCOUS MEMBRANES, LOSS OF APPETITE, AND INABILITY TO CONCENTRATE. CAN BE FATAL IF SWALLOWED.
Explanation of Carcinogenicity: NONE
Effects of Overexposure: DIZZINESS, BLURRED VISION, HEADACHE, IRRITATION OF MUCOUS MEMBRANES, LOSS OF APPETITE, AND INABILITY TO CONCENTRATE. CAN BE FATAL IF SWALLOWED.
Medical Conditions Aggravated by Exposure: SKIN CONDITIONS, KIDNEY, OR LIVER DISEASES, OR CENTRAL NERVOUS SYSTEM.

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First Aid Measures
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First Aid: EYES: FLUSH WITH WATER FOR 10 MINUTES. CALL A PHYSICIAN.
SKIN: WASH THOROUGHLY WITH WATER. INHALATION: REMOVE TO FRESH AIR OR ADMINISTER OXYGEN. CALL PHYSICIAN. INGESTION: IF PATIENT IS FULLY CONSCIOUS, GIVE TWO GLASSES OF WATER AND INDUCE VOMITING. OBTAIN MEDICAL A

TTENTION IMMEDIATELY.

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

Flash Point:=18.3C, 65.F

Autoignition Temp:=398.9C, 750.F

Lower Limits:2

Upper Limits:12

Extinguishing Media:DRY CHEMICAL, CO2.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING, INCLUDING NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:FLAMMABLE, DO NOT MIX WITH STRONG OXIDIZING OR DEHYDRATING AGENTS. DO NOT STORE IN PRESENCE OF OXIDIZING AGENTS.

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

Spill Release Procedures:ABSORB WITH SAWDUST AND REMOVE IN ACCORDANCE TO EPA REGULATIONS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN PLASTIC CONTAINERS IN COOL AREA. DO NOT STORE IN GLASS CONTAINERS. USE SAFE PRECAUTIONARY PRACTICES.

Other Precautions:KEEP AWAY FROM ELECTRICAL SPARKS, HEAT, OPEN FLAME, OR OXIDIZING AGENTS.

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

Respiratory Protection:NIOSH APPROVED RESPIRATOR.

Ventilation:VENTILATION: YES. LOCAL EXHAUST: YES. MECHANICAL (GENERAL): EXPLOSION PROOF.

Protective Gloves:RECOMMENDED, NIOSH APPROVED.

Eye Protection:SAFETY GLASSES.

Other Protective Equipment:RUBBER APRON IS RECOMMENDED.

Work Hygienic Practices:NOT PROVIDED

Supplemental Safety and Health

ABBREVIATION: N/A = NOT APPLICABLE. N/AV = NOT AVAILABLE. N/K = UNKNOWN. N/P = N

NOT PROVIDED. N/R = NOT RELEVANT. N/D = NOT DETERMINED. N/E = NOT ESTABLISHED.

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

HCC:F2
NRC/State Lic Num:NOT RELEVANT
Boiling Pt:=82.C, 179.6F
Melt/Freeze Pt:=-88.5C, -127.3F
Decomp Temp:Decomp Text:NOT PROVIDED
Vapor Pres:33 MM HG
Vapor Density:2.07(AIR=1
Spec Gravity:0.8900 (WATER = 1)
Viscosity:NOT PROVIDED
Evaporation Rate & Reference:2.88 (BUTYL ACETATE = 1)
Solubility in Water:NONE
Appearance and Odor:BROWN LIQUID,
ALCOHOL ODOR.
Percent Volatiles by Volume:60
Corrosion Rate:NOT PROVIDED

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS.
Stability Condition to Avoid:NOT AVAILABLE
Hazardous Decomposition Products:ALIPHATIC ALDEHYDES.

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

Toxicological Information:NOT PROVIDED

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

Ecological:NOT PROVIDED

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH EPA REGULATIONS.

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

Transport Information:D.O.T. PROPER SHIPPING NAME: ISOPROPANOL SOLUTION;
HAZARD CLASS: 3; UN 1219; PACKING GROUP: II ; TYPE D.O.T. LABEL REQUIRED INFORMATION: FLAMMABLE LIQUID.

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

SARA Title III Information

n:NOT PROVIDED

Federal Regulatory Information:NOT PROVIDED

State Regulatory Information:NOT PROVIDED

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

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