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MATERIAL SAFETY DATA SHEET (SUBSTITUTES FOR OSHA FORM 174): May be used to
comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.
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PRODUCT NUMBER: 1101
IDENTITY: START-A Revision Date: 06/02/2003

Section I

Manufactured For: SUPERCO SPECIALTY PRODUCTS Telephone Numbers:
Address: 25041 ANZA DRIVE Emergency:
800/255-3924
VALENCIA Information:
State: CA Zip Code:91355 661/775-8877

HMIS CODES: REACTIVITY: 0 FLAMMABILITY: 4 HEALTH: 2 PERSONAL PROTECT: G

Section II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION (All of the
ingredients contained in this product are listed on the TSCA inventory.)

Table with 6 columns: Name, Cas No., OSHA PEL, ACGIH TLV, OTHER LIM, %. Rows include CARBON DIOXIDE, DIETHYL ETHER, and HEPTANE.

Section III: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: >150F Specific Gravity (water=1) 0.70
Vapor Pressure(mm Hg) 110PSI Melting Point: N/A
Vapor Density(AIR=1) >1 Evaporation Rate: <1
Solubility in Water: N/A (Butyl Acetate=1)
Appearance and Odor: COLORLESS LIQUID, ETHER ODOR

Section IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point(Method Used):<0 TCC Flammable Limits: LEL:1.0 UEL: 36.0
Extinguishing Media: DRY CHEMICAL, ALCOHOL FOAM OR CO2
Special Fire Fighting Procedures: COOL SURROUNDING CONTAINERS WITH WATER
FOG. WEAR SELF CONTAINED BREATHING APPRATUS (SCBA). SHUT OFF ALL SOURCES OF
IGNITION. USE WATER SPRAY TO DISPERSE VAPORS AND PROTECT PERSONNEL.
Unusual Fire and Explosion Hazards: WEAR SCBA WITH FULL FACE SHIELD. VAPORS
ARE HEAVIER THAN AIR AND MAY ACCUMULATE IN LOW AREAS OR ALONG THE GROUND.
ELIMINATE ALL SOURCES OF IGNITION. CARBON OXIDES FORMED WHEN BURNED.

Section V: REACTIVITY DATA

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Stability: Unstable: Conditions to avoid: DO NOT STORE IN DIRECT
Stable: X SUNLIGHT. AVOID TEMPERATURES ABOVE 120 F
Incompatibility (Materials to Avoid): STRONG OXIDIZERS, SELECTED AMINES
STRONG ACIDS OR BASES
Hazardous Decomposition or Byproducts: CARBON OXIDES CAN FORM ON INCOMPLETE
COMBUSTION
Hazardous Polymerization: May Occur: Will Not Occur: X
Conditions to Avoid: NONE KNOWN

Section VI: HEALTH HAZARD DATA

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Routes of Entry: Inhalation: Y Skin: Y Ingestion: Y
Health Hazards (Acute and Chronic):
EYES: MAY CAUSE HEADACHES. SKIN: MAY CAUSE IRRITATION. INHALATION: MAY
CAUSE DIZZINESS OR UNCONSCIOUSNESS. INGESTION: MAY CAUSE NAUSEA.
Carcinogenicity: NTP: NO IARC Monographs: NO OSHA Reg: NO
Signs and Symptoms of Exposure: SEE ABOVE

Medical Conditions Generally Aggravated by Exposure: NONE KNOWN

Emergency and First Aid Procedures: EYES: FLUSH WITH WATER FOR 15 MINUTES.
SKIN: WASH WITH SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR. INGESTION:
DO NOT INDUCE VOMITING. CONSULT PHYSICIAN FOR ANY OF THE ABOVE EXPOSURES.

Section VII: PRECAUTIONS FOR SAFE HANDLING AND USE

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Steps to be Taken in Case Material is Released or Spilled: WEAR SCBA AND
PROPER PROTECTIVE EQUIPMENT. SHUT OFF ALL SOURCES OF IGNITION AND DIKE AREA
OF SPILL. KEEP OUT OF WATER SOURCES. CLEAN SPILL USING ABSORBENT MATERIAL.
TRANSFER TO DOT APPROVED CONTAINER USING NON-SPARKING TOOLS.
Waste Disposal Method: DISPOSE OF WASTE MATERIAL IN ACCORDANCE WITH ALL
FEDERAL, STATE AND LOCAL REGULATIONS. DO NOT DISCARD IN TRASH COMPACTOR.

Precautions to be Taken in Handling and Storing: DO NOT DROP, REUSE OR
REFILL CONTAINER. DO NOT STORE IN DIRECT SUNLIGHT. DO NOT EXPOSE TO HEAT,
SPARKS, OPEN FLAME OR TEMPERATURES ABOVE 120 F. DO NOT INTENTIONALLY DILUTE
Other Precautions: OR INHALE. SPRAY WITH ARROW POINT FACING AWAY FROM BODY.
WEAR PROTECTIVE EQUIPMENT SUCH AS SPLASH GOGGLES.

Section VIII: CONTROL MEASURES

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Respiratory Protection: NIOSH APPROVED SCBA OR ORGANIC VAPOR CHEMICAL
Ventilation: Local Exhaust: TO MAINTAIN CONCENTRATION BELOW TLV'S IN SECTION
Mechanical: N/A Special: N/A
Other: N/A
Protective Gloves: BUTYL GLOVES
Eye Protection: SAFETY GOGGLES ARE RECOMMENDED WHENEVER CHEMICALS ARE USED.
Other Protective Clothing or Equipment:
NEOPRENE APRONS & CHEMICALLY RESISTANT BOOTS-AVOID SKIN & CLOTHING CONTACT
Work/Hygienic Practices:
GOOD PERSONNEL HYGIENE