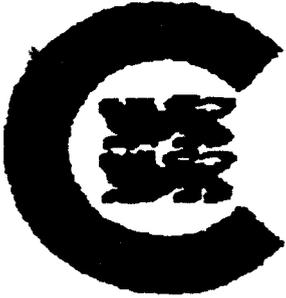


FAX TRANSMISSION



Cyprus Plateau Mining Corporation

PO Drawer 7007
Price Utah 84501-7007
(801) 637-2876
Fax (801) 637-2247

472-5125

To: Tom Hurst Date: 10/6/97
 Fax # _____ Pages: 5
 From: J. Pappas including this cover sheet.
 Subject: DA Stuart Emulsion Fluid MSDS.

COMMENTS:

For additional Info:
contact

Lee Burekerson

801-637-2764

MATERIAL SAFETY DATA SHEET

IDENTITY: ISOSYNTH VX 110 BF
(as Used on Label and List)

HMIS HAZARD RATING

HEALTH: 1 (SLIGHT)
FLAMMABILITY: 0 (MINIMAL)
REACTIVITY: 0 (MINIMAL)

SECTION I

MANUFACTURER'S NAME: STUART-IRONSIDES, INC.
ADDRESS: 7575 PLAZA COURT
(Street, City, State, Zip) WILLOWBROOK, ILLINOIS, 60521
EMERGENCY TELEPHONE NUMBER: (708) 655-4595
TELEPHONE NUMBER FOR INFORMATION: (708) 655-4595
DATE PREPARED: APRIL 24, 1992

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS	OSHA PEL	ACGIH TLV	OTHER LIMITS
BENZYL ALCOHOL CAS# 100-51-6	NE	NE	< 4

NE = NOT ESTABLISHED

CONTAINS COMPONENTS LISTED WITH TSCA.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT:	>212°F	SPECIFIC GRAVITY (H2O=1):	0.98
VAPOR PRESSURE (mm Hg):	ND	MELTING POINT:	NA
VAPOR DENSITY (Air=1):	ND	EVAPORATION RATE	
SOLUBILITY IN WATER:	SOLUBLE	(BUTYL ACETATE=1):	< 1
APPEARANCE AND ODOR:	CLEAR AMBER LIQUID;	MILD AROMATIC ODOR	
		pH:	9-3

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used): NONE, WATER BASED PRODUCT

MATERIAL SAFETY DATA SHEET

IDENTITY: ISOSYNTH VX 110 BP
As Used on Label and List)

FLAMMABLE LIMITS: LEL ND UEL ND

EXTINGUISHING MEDIA:

DRY CHEMICAL, FOAM, CO₂

SPECIAL FIRE FIGHTING PROCEDURES:

FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

NONE

SECTION V - REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: NONE

COMPATIBILITY (Materials to avoid): STRONG OXIDIZING AGENTS
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CO, CO₂

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR CONDITIONS TO AVOID: NONE

SECTION VI - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY:

INHALATION?
YES

SKIN?
YES

INGESTION?
POSSIBLE

HEALTH HAZARDS (Acute and Chronic):

NO KNOWN HEALTH HAZARDS. PROLONGED OR FREQUENT CONTACT MAY CAUSE MILD SKIN AND EYE IRRITATION.

MUTAGENICITY
NOT LISTED

NTP?

IARC?

OSHA REGULATED?

SIGNS AND SYMPTOMS OF OVEREXPOSURE:

POSSIBLE RED AND/OR ITCHING SKIN DUE TO OVEREXPOSURE.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

NONE KNOWN

EMERGENCY AND FIRST AID PROCEDURES:

EYE CONTACT: FLUSH WITH WATER FOR AT LEAST 15 MINUTES AND SEEK MEDICAL ATTENTION IMMEDIATELY.

SKIN CONTACT: WASH WITH SOAP AND WATER.

INHALATION: IF A PERSON BREATHES IN LARGE AMOUNTS OF THIS PRODUCT, MOVE THE EXPOSED PERSON TO FRESH AIR AT ONCE.

MATERIAL SAFETY DATA SHEET

IDENTITY: ISOSYNTH VX 110 BF
(As Used on Label and List)

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

EXTINGUISH ALL FLAMES IN THE VICINITY. DIKE SPILL AND SOAK UP ON INERT ABSORBENT MATERIAL.

WASTE DISPOSAL METHOD:

FOLLOW FEDERAL, STATE, LOCAL AND CORPORATE REGULATIONS FOR DISPOSAL. PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

STORE CONTAINERS CLOSED, AWAY FROM EXTREME HEAT AND OPEN FLAME.

OTHER PRECAUTIONS:

USE GOOD PERSONAL HYGIENE. FOR INDUSTRIAL USE ONLY.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION (Specify Type): IF VENTILATION EQUIPMENT IS NOT SUFFICIENT TO KEEP AIRBORNE CONCENTRATIONS BELOW EXPOSURE LIMITS, A NIOSH APPROVED RESPIRATOR SHOULD BE WORN.

VENTILATION: LOCAL EXHAUST: ADEQUATE SPECIAL:
MECHANICAL (General): ADEQUATE OTHER:

PROTECTIVE GLOVES: WATER-PROOF **EYE PROTECTION:** SAFETY GLASSES

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

WEAR A PROTECTIVE APRON IF SPLASHING IS ANTICIPATED.

WORK/HYGENIC PRACTICES:

LAUNDRY SOILED CLOTHING BEFORE REUSE.

SECTION IX - REGULATORY INFORMATION

ARA TITLE, III STATUS:

SECTION 311 AND 312 HAZARDOUS CHEMICALS

THIS PRODUCT CONTAINS THE FOLLOWING INGREDIENT(S)
DEFINED AS HAZARDOUS BY OSHA HAZARD COMMUNICATION STANDARD
29 CFR 1910.1200 (d).

CAS # **CHEMICAL NAME** **% BY WEIGHT**

MATERIAL SAFETY DATA SHEET

IDENTITY: ISOSYNTH VX 110 BF
(As Used on Label and List)

SEE SECTION II

SECTION 313 SUPPLIER NOTIFICATION

**THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS
SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313
OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW
ACT OF 1986 AND OF CFR 372.**

CAS #	CHEMICAL NAME	% BY WEIGHT
NOT APPLICABLE		

**PLEASE NOTE THAT IF YOU REPACKAGE OR OTHERWISE REDISTRIBUTE THIS
PRODUCT TO INDUSTRIAL CUSTOMERS A NOTICE SIMILAR TO THIS ONE
SHOULD BE SENT TO THOSE CUSTOMERS.**

**THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE BY
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HEREOF.**