

MATERIAL SAFETY DATA SHEET

(Approved by U.S. Department of Labor "Essentially Similar" to Form OSHA-20)

SECTION I	
MANUFACTURER'S NAME Knoll Bioproducts Co., Inc.	EMERGENCY TELEPHONE NO. (505) 983-4066
ADDRESS (Number, Street, City, State, and ZIP Code) P.O. Box 2736, Santa Fe, NM 87504	
CHEMICAL NAME AND SYNONYMS N.A.	TRADE NAME AND SYNONYMS FOLIGLO, PYLOCAL
CHEMICAL FAMILY paraffinic hydrocarbons	FORMULA emulsifiable concentrate
TOSCA REGISTERED N.A.	ECCIN REGISTERED N.A.

SECTION II HAZARDOUS INGREDIENTS		
MATERIAL	%	TLV (Units)
paraffinic hydrocarbons	90	
emulsifiers	10	

SECTION III PHYSICAL DATA			
BOILING POINT, 760 mm. Hg	N.A.	FREEZING POINT	-15° C
SPECIFIC GRAVITY (H ₂ O = 1)	0.87-0.88	VAPOR PRESSURE at 20° C.	very low
VAPOR DENSITY (air = 1)	1.2	SOLUBILITY IN WATER, % by wt. at 20° C.	emulsifiable
PER CENT VOLATILES BY VOLUME	none	EVAPORATION RATE (Butyl Acetate = 1)	N.A.
APPEARANCE AND ODOR	colorless and odorless liquid		

SECTION IV FIRE AND EXPLOSION HAZARD DATA				
FLASH POINT (test method)	over 200° C	AUTOIGNITION TEMPERATURE	N.A.	
FLAMMABLE LIMITS IN AIR, % by volume	LOWER	N.A.	UPPER	N.A.
EXTINGUISHING MEDIA	none			
SPECIAL FIRE FIGHTING PROCEDURES	none			
UNUSUAL FIRE AND EXPLOSION HAZARDS	none			

N/A = Not Applicable

The information contained here is based on the present state of our knowledge and is meant to describe the production in regard to the appropriate safety measures. They do not state any assurance of characteristics of the described product.

SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

N.A.

EFFECTS OF OVEREXPOSURE

N.A.

EMERGENCY AND FIRST AID PROCEDURES

non-hazardous material; no emergency or first aid
procedures required.

SECTION VI REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

N.A.

STABLE

INCOMPATIBILITY (Materials to avoid)

none

HAZARDOUS DECOMPOSITION PRODUCTS

none

HAZARDOUS
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

use absorbent material

WASTE DISPOSAL METHOD

burning or landfill

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

N.A.

VENTILATION

LOCAL EXHAUST

SPECIAL

N.A.

MECHANICAL (General)

OTHER

PROTECTIVE GLOVES

none

EYE PROTECTION

none (not an irritant)

OTHER PROTECTIVE EQUIPMENT

none

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

store under dry conditions. Do not store below 0°C.

OTHER PRECAUTIONS

none

DATE PREPARED January 15, 1994