

MATERIAL SAFETY DATA SHEET # S-S-29

SECTION 1 - PRODUCT / MANUFACTURERS IDENTITY

PRODUCT NAME: CrystaLac Retarder

H.M.I.S. HAZARD RATING

PRODUCT # S-29

DOT CLASS: NR

1 HEALTH

SCALE 0-4
4 = EXTREME

MFG BY: Becker Labs, 6205 Hwy. 91 North, Mountain City, TN 37683

0 FIRE

3 = HIGH

EMERGENCY PHONE : (423) 727-6425

0 REACTIVITY

2 = MODERATE

1 = SLIGHT

0 = INSIGNIFICANT

NR = NOT REQUIRED

ABBREVIATION KEY: **NA** = NON APPLICABLE **NE** = NOT ESTABLISHED **ND** = NOT DETERMINED **A** = GOGGLES **B** = GOGGLES AND GLOVES **C** = GOGGLES, GLOVES, AND APRONS

SECTION 2 - HAZARDOUS INGREDIENTS INFORMATION

CHEMICAL IDENTITY

CAS #

PERCENT

DiPropylene Glycol Tert. Butyl Ether

132739-31-2

17

NO HAZARDOUS COMPONENTS AS IDENTIFIED PER 29 CFR 1910.1200

NO PRODUCTS SUBJECT TO REPORTING REQUIREMENTS OF SARA 313 AND 49 CFR 372

SECTION 3 - PHYSICAL DATA

COLOR AND ODOR: Clear/Ester

BOILING POINT: 212 F

EVAPORATION RATE:

PHYSICAL STATE: Liquid

SOLUBILITY IN WATER: Complete

FREEZING POINT: 32

VOC: NA

pH: NA

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT AND METHOD: NA

FLAMABLE LIMITS: NON COMBUSTIBLE

HAZARDOUS COMBUSTION PRODUCTS: NA

EXTINGUISHING MEDIA: USE PROPER MEDIA TO THE PRIMARY CAUSE OF FIRE

SPECIAL FIRE FIGHTING PROCEDURES: NA

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

SECTION 5 - REACTIVITY DATA

CHEMICAL STABILITY: YES

HAZARDOUS DECOMPOSITION OF BY PRODUCTS: NONE

HAZARDOUS POLYMERIZATION: NONE

INCOMPATIBILITY MATERIALS TO AVOID: NONE

SECTION 6 - TOXICOLOGICAL PROPERTIES

ROUTES OF ENTRY: INGESTION **SENSITIZATION:** YES **NO** **MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** NONE

MUTAGENICITY: NONE **CARCINOGENICITY:** NONE **TERATOGENICITY:** NONE **REPRODUCTIVE TOXICITY:** NONE

EFFECTS OF OVEREXPOSURE (ACUTE AND/OR CHRONIC) EYES: DIRECT CONTACT MAY CAUSE IRRITATION **SKIN:** PROLONGED EOR REPEATED CONTACT MAY CAUSE IRRITATION. **INGESTION:** MAY CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, DIARRHEA. **INHALATION:** PROLONGED EXPOSURE IN POORLY VENTILATED AREA MAY CAUSE RESPIRATORY IRRITATION, AVOID BREATHING SANDING DUST AND USE NIOSH/MSHA TC23 OR EQUIVALENT RESPIRATORY PROTECTION

SECTION 7 - PREVENTATIVE AND CONTROL MEASURES

RESPIRATORY PROTECTION: NONE NORMALLY WITH ADEQUATE VENTILATION **EYE PROTECTION:** GOGGLES **PROTECTIVE GLOVES:** RUBBER

VENTILATION/LOCAL EXHAUST: NA **MECHANICAL:** ACCEPTABLE **PROTECTIVE CLOTHING AND EQUIPMENT:** AS NEEDED TO PREVENT WETTING OF CLOTHING. **WORK AND HYGENIC PRACTICES - WASH HANDS THOROUGHLY AFTER USE** **STORAGE:** COOL DRY AREA, KEEP FROM FREEZING

OTHER REQUIREMENTS: KEEP OUT OF REACH OF CHILDREN.

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED-

COLLECT AND RE-USE IF POSSIBLE. ABSORB ON INERT MATERIAL (SAND, CLAY ETC.) AND PLACE INTO CONTAINER FOR PROPER DISPOSAL. DO NOT ALLOW RUNOFF INTO PUBLIC WATERWAYS OR SEWER. **WASTE DISPOSAL:** DISPOSE OF AS PERMITTED BY ALL FEDERAL, PROVINCIAL, STATE AND LOCAL REGULATORY AUTHORITIES.

SECTION 8 - EMERGENCY FIRST AID PROCEDURES

EYES: FLUSH WITH LARGE AMOUNT OF WATER FOR 15 MINUTES HOLDING EYES OPEN

SKIN: WASH WITH MILD SOAP AND WATER

INGESTION: SEEK MEDICAL ATTENTION

INHALATION : MOVE TO FRESH AIR, IF SYMPTOMS PERSIST SEEK MEDICAL ATTENTION

SECTION 9 - PREPARATION INFORMATION

PREPARED BY: DEREK BECKER

PHONE: (423) 727- 6425

DATE OF PREPARATION: 10-26-04

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