1. I.D. OF PRODUCT
   PRODUCT NAME: AGAROSE
   SYNONYM: AGAROSE TYPE A
   CHEMICAL NAME: (1-3)-BETA-D-GALACTOPYRANOSYL (1-4)
                 (3, 6-ANHYDRO)-ALPHA-L-GALACTOPYRANOSE
   FORMULA: (C12H1809)N
   CAS #: 9012-35-6

2. HAZARDOUS MIXTURES
   NATURE OF HAZARD: 
   
3. PHYSICAL DATA
   BOILING PT.(DEG.C): N/A
   SPECIFIC GRAVITY (H2O=1): N/A
   VAPOR PRESSURE (MMHG): N/A
   % VOLATILE BY VOLUME: N/A
   VAPOR DENSITY (AIR=1): N/A
   EVAPORATION RATE ( =1): N/A
   SOLUBILITY IN WATER: SOLUBLE IN HOT WATER
   APPEARANCE & ODOR: NEARLY WHITE POWDER
   N/A = NOT AVAILABLE OR NOT APPLICABLE; N/D = NOT DETERMINED.

4. FIRE/EXPLOSION HAZARD DATA
   FLASH POINT (METHOD USED): N/A
   FLAMMABLE LIMITS: _____
   UEL: _____
   LEL: _____
   EXTINGUISHING MEDIUM:
   WATER SPRAY, CARBON DIOXIDE, HALONE OR DRY CHEMICAL
   UNUSUAL FIRE/EXPLOSION HAZARDS: none
   SPECIAL FIRE FIGHTING PROCEDURES: none

5. HEALTH HAZARD DATA
   Threshold Limit Value: none established by ACGIH or OSHA
   EFFECTS OF OVEREXPOSURE: none expected
   EMERGENCY FIRST AID PROCEDURES:
   IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER
   AND SEEK MEDICAL ADVICE.

6. REACTIVITY DATA
   STABILITY: STABLE
   INCOMPATABILITY: OXIDIZING MATERIALS, STRONG ACIDS AND BASES.
   HAZARDOUS DECOMPOSITION PRODUCTS: COMBUSTION WILL PRODUCE CARBON DIOXIDE
   AND PROBABLY CARBON MONOXIDE
   HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
   CONDITIONS TO AVOID: none

7. SPILL/LEAK PROCEDURES
   IN CASE MATERIALS IS RELEASED/SPILLED:
COLLECT FOR DISPOSAL
WASTE DISPOSAL METHOD: SMALL QUANTITIES CAN BE FLUSHED DOWN DRAIN WITH
PLENTY OF WATER. BUT OBSERVE ALL FEDERAL, STATE AND LOCAL LAWS CONCERNING
HEALTH AND ENVIRONMENT.

8. SPECIAL PROTECTION INFORMATION
RESPIRATORY PROTECTION: NONE REQUIRED
PROTECTIVE GLOVES: NONE REQUIRED
EYE PROTECTION: SAFETY GLASSES

OTHER PROTECTIVE EQUIPMENT:
GOOD INDUSTRIAL HYGIENIC PRACTICE SHOULD BE FOLLOWED,
WHICH INCLUDES PREVENTING EYE CONTACT AND MINIMIZING INHALATION OF VAPOR.

9. SPECIAL PRECAUTIONS
FOR HANDLING AND STORING:
KEEP CONTAINER TIGHTLY CLOSED.

DATE: 10-31-85

INFORMATION ACCUMULATED HEREIN IS BELIEVED TO BE ACCURATE, BUT IS NOT WARRANTED
TO BE. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE OF NEED THAT THE INFOR-
MATION IS CURRENT, APPLICABLE AND SUITABLE FOR THEIR CIRCUMSTANCES.

LAST PAGE