

HAAKE BUCHLER INSTRUMENTS, INC.
 244 SADDLE RIVER RD.
 SADDLE BROOK, NJ 07662
 201 843-2320 TELEX: 219730

MATERIAL SAFETY DATA SHEET

DS#: 0001028

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 : (C₁₂H₁₈O₉)_N
 CAS # : 9012-36-6

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
 INCOMPATIBILITY: 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:

DOC 1028

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

VENTILATION:

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.

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