

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

MATERIAL SAFETY DATA SHEET

DS#: 0001043

1. I.D. OF PRODUCT

PRODUCT NAME : PROTEIN MARKERS
HIGH MOLECULAR WEIGHT

Markers, Protein

SYNONYM :
CHEMICAL NAME :
FORMULA :
CAS # :

CAUTION:

THIS IS AN EXPERIMENTAL PRODUCT PRODUCED IN RESEARCH QUANTITIES ONLY.
THE MATERIALS ARE DESIGNED AND MARKETED FOR LABORATORY USE ONLY.
THEREFORE COMPLETE SAFETY INFORMATION MAY NOT BE AVAILABLE.

2. HAZARDOUS MIXTURES

NATURE OF HAZARD

CARBOANHYDRASE
ALBUMIN EGG
ALBUMIN BOVINE
PHOSPHORYLASE

%
25 %
25 %
25 %
25 %

3. PHYSICAL DATA

BOILING PT.(DEG.C) : N/A
VAPOR PRESSURE (MMHG): N/A
VAPOR DENSITY (AIR=1): N/A
SOLUBILITY IN WATER : N/A
SPECIFIC GRAVITY (H2O=1): N/A
% VOLATILE BY VOLUME : N/A
EVAPORATION RATE (=1): N/A

APPEARANCE & ODOR: WHITE LYOPHILIZED POWDER
N/A=NOT AVAILABLE OR NOT APPLICABLE.

4. FIRE/EXPLOSION HAZARD DATA

FLASH POINT/METHOD USED: N/A; FLAMMABLE LIMITS: N/A; UEL; LEL: N/A.
EXTINGUISHING MEDIUM: WATER SPRAY, CARBON DIOXIDE, HALONE OR DRY CHEMICAL.
SPECIAL FIRE FIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS FOR LARGE FIRES.

UNUSUAL FIRE/EXPLOSION HAZARDS : NONE

5. HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE : NONE REQUIRED
EFFECTS OF OVEREXPOSURE: NO SPECIFIC HAZARDS KNOWN.
REPEATED EYE/SKIN CONTACT OR BREATHING OF DUST MAY LEAD TO ALLERGIC REACTIONS.

EMERGENCY FIRST AID PROCEDURES:

IN CASE OF CONTACT WITY EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER.
IN CASE OF CONTACT WITH SKIN, WASH IMMEDIATELY WITH PLENTY OF WATER

6. REACTIVITY DATA

STABILITY : STABLE
INCOMPATIBILITY: OXIDIZING MATERIALS, ACIDS AND BASES. HEAT AND PROLONGED EXPOSURE TO LIGHT SHOULD BE AVOIDED.

HAZARDOUS DECOMPOSITION:
NONE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID : NONE

1043

SPILL/LEAK PROCEDURES

IN CASE MATERIAL IS RELEASED/SPILLED:

COLLECT FOR DISPOSAL.

BEST DISPOSAL METHOD:

LOCAL LAWS AND REGULATIONS MAY PRECLUDE THE USE OF THIS METHOD, WHICH IS
DESIGNED FOR LITTLE QUANTITIES: ADD TO A LARGE EXCESS OF WATER
AND FLUSH DOWN THE DRAIN.

8. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

NONE REQUIRED

VENTILATION:

PROTECTIVE GLOVES: NONE REQUIRED

EYE PROTECTION : SAFETY GLASSES

OTHER PROTECTIVE EQUIPMENT:

GOOD INDUSTRIAL HYGIENIC PRACTICE SHOULD BE FOLLOWED

9. SPECIAL PRECAUTIONS

FOR HANDLING AND STORING:

KEEP CONTAINER COOL & 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
INFORMATION IS CURRENT, APPLICABLE AND SUITABLE FOR THEIR CIRCUMSTANCES.

LAST PAGE