ATTN: SAFETY DIRECTOR  
UNIVERSITY OF WISCONSIN WHITewater  
P O BOX 196  
WHITewater WI 53190-0296

DATE: 05/06/94  
CUST#: 523216  
PO#: UND-435595

MATERIAL SAFETY DATA SHEET

SECTION 1. -- --- -- --- -- -- -- CHEMICAL IDENTIFICATION-- -- -- -- --
PRODUCT #: 14712-5  NAME: BENZYLTRIETHYLAMMONIUM BROMIDE, 99%

SECTION 2. -- --- -- --- -- COMPOSITION/INFORMATION ON INGREDIENTS -- -- --
CAS #: 5197-95-5  MF: C13H22BRN

SECTION 3. -- --- -- --- -- -- HAZARDS IDENTIFICATION -- -- -- -- --
LABEL PRECAUTIONARY STATEMENTS
IRRITANT  
IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN. IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE. WEAR SUITABLE GLOVES AND EYE/FACE PROTECTION.  
HYDROSCOPIC  
KEEP TIGHTLY CLOSED.

SECTION 4. -- --- -- --- -- FIRST-AID MEASURES-- -- -- -- --
IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. IN CASE OF CONTACT, IMMEDIATELY WASH SKIN WITH SOAP AND COPIOUS AMOUNTS OF WATER. IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL A PHYSICIAN. WASH CONTAMINATED CLOTHING BEFORE REUSE.

SECTION 5. -- --- -- --- -- -- FIRE FIGHTING MEASURES -- -- -- --
EXTINGUISHING MEDIA
WATER SPRAY.  
CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.  
SPECIAL FIREFIGHTING PROCEDURES
WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES. UNUSUAL FIRE AND EXPLOSION HAZARDS. EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

CONTINUED ON NEXT PAGE
SECTION 6. -- ----- ACCIDENTAL RELEASE MEASURES--

WEAR RESPIRATOR, CHEMICAL SAFETY GOGGLES, RUBBER BOOTS AND HEAVY RUBBER GLOVES.
Sweep up, place in a bag and hold for waste disposal.
Avoid raising dust.
Ventilate area and wash spill site after material pickup is complete.

SECTION 7. -- ---- HANDLING AND STORAGE-----

REFER TO SECTION 8.

SECTION 8. -- ----- EXPOSURE CONTROLS/PERSONAL PROTECTION-----

CHEMICAL SAFETY GOGGLES.
COMPATIBLE CHEMICAL-RESISTANT GLOVES.
NIOSH/MSHA-APPROVED RESPIRATOR.
SAFETY SHOWER AND EYE BATH.
MECHANICAL EXHAUST REQUIRED.
DO NOT BREATHE DUST.
AVOID CONTACT WITH EYES, SKIN AND CLOTHING.
WASH THOROUGHLY AFTER HANDLING.
IRRITANT.
KEEP TIGHTLY CLOSED.
HYGROSCOPIC.
STORE IN A COOL DRY PLACE.

SECTION 9. ---- PHYSICAL AND CHEMICAL PROPERTIES -----

APPEARANCE AND ODOR
WHITE POWDER.
MELTING POINT: 194 C (DEG)

SECTION 10. -- ---- STABILITY AND REACTIVITY -----

INCOMPATIBILITIES

CONTINUED ON NEXT PAGE
PRODUCT #: 147125
NAME: BENZYLTRIETHYLAMMONIUM BROMIDE, 99%
MF#: C13H22BrN

STRONG OXIDIZING AGENTS
Hazardous combustion or decomposition products
Toxic fumes of: Carbon monoxide, carbon dioxide, nitrogen oxides, hydrogen bromide, gas.

SECTION 11. TOXICOLOGICAL INFORMATION

ACUTE EFFECTS
MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION. CAUSES EYE AND SKIN IRRITATION. MATERIAL IS IRRITATING TO MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT. TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

SECTION 12. ECOLOGICAL INFORMATION
DATA NOT YET AVAILABLE.

SECTION 13. DISPOSAL CONSIDERATIONS

DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE SOLVENT AND BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER. OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

SECTION 14. TRANSPORT INFORMATION

CONTACT ALDRICH CHEMICAL COMPANY FOR TRANSPORTATION INFORMATION.

SECTION 15. REGULATORY INFORMATION
DATA NOT AVAILABLE.

SECTION 16. OTHER INFORMATION
CONTINUED ON NEXT PAGE.
MATERIAL SAFETY DATA SHEET

PRODUCT #: 147125
NAME: BENZYLTRIETHYLAMMONIUM BROMIDE, 99%
MF#: C13H22BrN

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPORT TO BE ALL INCLUSIVE AND SHALL BE USED ONLY AS A GUIDE. ALDRICH SHALL NOT BE HELD LIABLE FOR ANY DAMAGE RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT. SEE REVERSE SIDE OF INVOICE OR PACKING SLIP FOR ADDITIONAL TERMS AND CONDITIONS OF SALE.

COPYRIGHT 1994 ALDRICH CHEMICAL CO., INC.
LICENSE GRANTED TO MAKE UNLIMITED PAPER COPIES FOR INTERNAL USE ONLY.