ATTN: SAFETY DIRECTOR
UNIVERSITY OF WISCONSIN WHITewater
P.O. BOX 296
WHITewater WI 53190-0296

DATE: 05/06/94
CUST#: 523216
P.O.: UND-43595

MATERIAL SAFETY DATA SHEET

SECTION 1. -- -- -- -- -- -- CHEMICAL IDENTIFICATION-- -- -- -- --

PRODUCT #: T2540-2
NAME: TETRAPHENYLBORON SODIUM, 99.5+%, A.C.S. REAGENT

SECTION 2. -- -- -- -- -- COMPOSITION/INFORMATION ON INGREDIENTS -- -- -- --

CAS #: 143-86-6
MF: C24H20BNA

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.
SENSITIVE TO LIGHT

SECTION 4. -- -- -- -- -- FIRST-AID MEASURES-- -- -- -- --

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH COPIUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES.
IN CASE OF CONTACT, IMMEDIATELY WASH SKIN WITH SOAP AND COPIUS 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
NEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.
UNUSUAL FIRE AND EXPLOSIONS HAZARDS
EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

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MATERIAL SAFETY DATA SHEET

PRODUCT #: T025402  NAME: TETRAPHENYLBORON SODIUM, 99.5%+
MF: C24H20BNA  A.C.S. REAGENT

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/NIOSH-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. PROTECT FROM LIGHT. STORE IN A COOL DRY PLACE.

SECTION 9. - - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - -
APPEARANCE AND ODOR: OFF-WHITE CRYSTALLINE POWDER

SECTION 10. - - - - - STABILITY AND REACTIVITY - - - - - - -
INCOMPATIBILITIES: STRONG OXIDIZING AGENTS SENSITIVE TO LIGHT. HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

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MATERIAL SAFETY DATA SHEET

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TOXIC FUMES OF:
CARBON MONOXIDE, CARBON DIOXIDE
BORON OXIDES.

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 ------------------

SECTION 15. ------------------ REGULATORY INFORMATION ------------------
DATA NOT AVAILABLE

SECTION 16. ------------------ OTHER INFORMATION ------------------
THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPORT TO
CONTINUED ON NEXT PAGE.
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MF #: C24H20BNa

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