

Product Number: **86886**Product Name: **Tetrabutylammonium thiocyanate**[Product Information](#)

Valid 05/2002 - 07/2002

[Description / Pricing](#)

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[Cert. of Analysis](#)[MSDS](#)[Options](#)[Print Preview](#)[Bulk Quote](#)[Ask A Scientist](#)

## M A T E R I A L S A F E T Y D A T A S H E E T

SECTION 1. - - - - - CHEMICAL IDENTIFICATION- - - - -  
 CATALOG #: 86886  
 NAME: TETRABUTYLAMMONIUM RHODANIDE

SECTION 2. - - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - - -  
 CAS #: 3674-54-2  
 MF: C17H36N2S  
 EC NO: 222-943-9

SECTION 3. - - - - - HAZARDS IDENTIFICATION - - - - -  
 LABEL PRECAUTIONARY STATEMENTS  
 HARMFUL  
 HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED.  
 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.  
 HYGROSCOPIC

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 EXPLOSIONS HAZARDS  
 EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

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.  
 HARMFUL SOLID.  
 KEEP TIGHTLY CLOSED.  
 HYGROSCOPIC  
 STORE IN A COOL DRY PLACE.

SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -  
 APPEARANCE AND ODOR  
 LIGHT-YELLOW CRYSTALS  
 PHYSICAL PROPERTIES  
 MELTING POINT: 120 TO 125C

SECTION 10. - - - - - -STABILITY AND REACTIVITY - - - - -  
 INCOMPATIBILITIES  
 STRONG OXIDIZING AGENTS  
 STRONG ACIDS

PROTECT FROM MOISTURE.  
HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS  
TOXIC FUMES OF:  
CARBON MONOXIDE, CARBON DIOXIDE  
NITROGEN OXIDES  
SULFUR 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 - - - - -  
CONTACT FLUKA CHEMICAL COMPANY FOR TRANSPORTATION INFORMATION.

SECTION 15. - - - - - REGULATORY INFORMATION - - - - -  
EUROPEAN INFORMATION  
EC INDEX NO: 615-004-00-3  
HARMFUL  
R 20/21/22  
HARMFUL BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED.  
R 32  
CONTACT WITH ACIDS LIBERATES VERY TOXIC GAS.  
S 13  
KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS.

SECTION 16. - - - - - OTHER INFORMATION - - - - -  
THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPORT TO  
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