

## MATERIAL SAFETY DATA SHEET

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DATE PREPARED: 2-17-98

REVIEWED: 2-25-05

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

CODE#: 0724  
NAME: PYRONIN B

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

CAS #: 2150-48-3

MF: C42H54C18FE2N4O2

EC NO: 218-429-9

## SYNONYMS

AMMONIUM, DIETHYL(6-(DIETHYLAMINO)-3H-XANTHEN-3-YLIDENE)-, CHLORIDE \*  
C.I. 45010 \* (6-(DIETHYLAMINO)-3H-XANTHEN-3-YLIDINE)DIETHYLAMMONIUM  
CHLORIDE \* N-(6-(DIETHYLAMINO)-3H-XANTHEN-3-YLIDINE)-N-  
ETHYLETHANAMINIUM CHLORIDE \* E TETRAETHYLPYRONIN \* ETHANAMINIUM, N-(6-  
(DIETHYLAMINO)-3H-XANTHEN-3-YLIDENE)-N-ETHYL-, CHLORIDE (9CI) \* NSC  
44690 \* PYRONIN B \* PYRONINE B \*

**SECTION 3. ----- HAZARDS IDENTIFICATION -----**

## LABEL PRECAUTIONARY STATEMENTS

IRRITANT

IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.

POSSIBLE RISK OF IRREVERSIBLE EFFECTS.

SUSPECTED MUTAGEN.

UNPLEASANT ODOR.

DO NOT BREATHE DUST.

WEAR SUITABLE PROTECTIVE CLOTHING.

**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 - - - - -**

EVACUATE AREA.

WEAR SELF-CONTAINED BREATHING APPARATUS, 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.

RUBBER GLOVES.

NIOSH/MSHA-APPROVED RESPIRATOR.

SAFETY SHOWER AND EYE BATH.

USE ONLY IN A CHEMICAL FUME HOOD.

AVOID INHALATION.

DO NOT GET IN EYES, ON SKIN, ON CLOTHING.

READILY ABSORBED THROUGH SKIN.

WASH THOROUGHLY AFTER HANDLING.

POSSIBLE MUTAGEN.

KEEP TIGHTLY CLOSED.

UNPLEASANT ODOR.

STORE IN A COOL DRY PLACE.

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

APPEARANCE

POWDER

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

INCOMPATIBILITIES

STRONG OXIDIZING AGENTS

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

TOXIC FUMES OF:

CARBON MONOXIDE, CARBON DIOXIDE

NITROGEN OXIDES

HYDROGEN CHLORIDE GAS

**SECTION 11. - - - - - TOXICOLOGICAL INFORMATION - - - - -**

ACUTE EFFECTS

MAY BE HARMFUL IF SWALLOWED, INHALED, OR ABSORBED THROUGH SKIN.

CAUSES EYE AND SKIN IRRITATION.

MATERIAL IS IRRITATING TO MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT.

EXPOSURE CAN CAUSE:

NAUSEA, HEADACHE AND VOMITING

CHRONIC EFFECTS

LABORATORY EXPERIMENTS HAVE SHOWN MUTAGENIC EFFECTS.  
TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND  
TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

RTECS #: BP6832000

AMMONIUM, (6-(DIETHYLAMINO)-3H-XANTHEN-3-YLIDENE)DIETHYL-, CHLORIDE  
TOXICITY DATA

IPR-MUS LD50:15100 UG/KG NCISP\*: JAN1986

ONLY SELECTED REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES  
(RTECS) DATA IS PRESENTED HERE. SEE ACTUAL ENTRY IN RTECS FOR  
COMPLETE INFORMATION.

**SECTION 12. ----- ECOLOGICAL INFORMATION -----**

DATA NOT YET AVAILABLE.

**SECTION 13. ----- DISPOSAL CONSIDERATIONS -----**

OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

**SECTION 14. ----- TRANSPORT INFORMATION -----**

NOT REGULATED.

**SECTION 15. ----- REGULATORY INFORMATION -----**

EUROPEAN INFORMATION

IRRITANT

R: 36/37/38

IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.

R 68

POSSIBLE RISK OF IRREVERSIBLE EFFECTS.

S: 36/37/39

WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION.

REVIEWS, STANDARDS, AND REGULATIONS

OEL=MAK

NOES 1983: HZD X3951; NIS 1; TNF 32; NOS 2; TNE 162; TFE 124

EPA GENETOX PROGRAM 1988, POSITIVE: D MELANOGASTER SEX-LINKED LETHAL

EPA TSCA SECTION 8(B) CHEMICAL INVENTORY

**SECTION 16. ----- OTHER INFORMATION -----**

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