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## 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 #: P11204  
 NAME: PERYLENE, 99+%

SECTION 2. - - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - - -  
 CAS #: 198-55-0  
 MF: C20H12  
 EC NO: 205-900-9  
 SYNONYMS  
 DIBENZ (DE, KL) ANTHRACENE \* PERI-DINAPHTHALENE \* PERILENE \* ALPHA-PERYLENE \*

SECTION 3. - - - - - HAZARDS IDENTIFICATION - - - - -  
 DATA NOT AVAILABLE

SECTION 4. - - - - - FIRST-AID MEASURES- - - - -  
 IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES OR SKIN WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES.  
 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- - - - -  
 WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRATOR, CHEMICAL-RESISTANT GLOVES, SAFETY GOGGLES, OTHER PROTECTIVE CLOTHING.  
 SAFETY SHOWER AND EYE BATH.  
 MECHANICAL EXHAUST REQUIRED.  
 AVOID CONTACT AND INHALATION.  
 WASH THOROUGHLY AFTER HANDLING.  
 KEEP TIGHTLY CLOSED.  
 STORE IN A COOL DRY PLACE.

SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -  
 APPEARANCE AND ODOR  
 GOLD CRYSTALLINE POWDER  
 PHYSICAL PROPERTIES  
 MELTING POINT: 277 C TO 279 C

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

STRONG OXIDIZING AGENTS  
 HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS  
 TOXIC FUMES OF:  
 CARBON MONOXIDE, CARBON DIOXIDE

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

ACUTE EFFECTS

MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION.  
 MAY CAUSE SKIN IRRITATION.  
 MAY CAUSE EYE IRRITATION.

TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND  
 TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

RTECS #: SE3794000

PERYLENE

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 - - - - -

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 - - - - -

REVIEWS, STANDARDS, AND REGULATIONS

OEL-MAK

IARC CANCER REVIEW:ANIMAL INADEQUATE EVIDENCE IMEMDT 32,411,1983

IARC CANCER REVIEW:HUMAN NO ADEQUATE DATA IMEMDT 32,411,1983

IARC CANCER REVIEW:GROUP 3 IMSUDL 7,56,1987

NOHS 1974: HZD T1325; NIS 1; TNF 11; NOS 1; TNE 32

NOES 1983: HZD T1325; NIS 1; TNF 3; NOS 3; TNE 253; TFE 34

EPA GENETOX PROGRAM 1988, NEGATIVE: HOST-MEDIATED ASSAY; IN VIVO

SCE-NONHUMAN

EPA TSCA SECTION 8(B) CHEMICAL INVENTORY

EPA TSCA SECTION 8(D) UNPUBLISHED HEALTH/SAFETY STUDIES

EPA TSCA TEST SUBMISSION (TSCATS) DATA BASE, JANUARY 2001

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

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