MATERIAL SAFETY DATA SHEET

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
PERYLEN
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 - - - - - - -
DISOLVE 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: HDZ T1325; NIS 1; TNF 11; NOS 1; TNE 32
NOES 1983: HDZ T1325; NIS 1; TNF 3; NOS 3; TNE 253; TFE 34
EPA GENETOX PROGRAM 1988, NEGATIVE: HOST-MEDIATED ASSAY; IN VIVO
SCC=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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