

MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-56/56-53-1.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
56-53-1
Code:
M

RTECS:
WJ5600000
Code:
M

Name:
DIETHYLSTILBESTROL (CONFIRMED CARCINOGEN BY NTP &

Other REC Limits:
N/K

OSHA PEL:
N/K
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
N/K
Code:
M N/P

ACGIHSTEL:
EPA Rpt Qty: 1 LB DOT Rpt Qty: 1 LB Ozone Dep
Code:
1 ACGIH STEL:

Control Measures

Respiratory Protection:
WEAR NIOSH APPROVED RESPIRATOR.

Ventilation:
ADEQUATE. LOCAL EXHAUST/MECHANICAL (GENERAL): RECOMMENDED.

Protective Gloves:
CHEMICAL RESISTANT

Eye Protection:
SAFETY GOGGLES

Other Protective Equipment:
Equipment APPROPRIATE LABORATORY APPAREL

Work Hygienic Practices:
REMOVE/LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health:
HEALTH HAZARDS CONT'D: IRRITATING TO MUCOUS MEMBRANES/RESPIRATORY TRACT. HARMFUL IF INGESTED/INHALED/ABSORBED. ESTROGENS INCREASE RISK OF ENDOMETRIAL CARCINOMA. SYMPTOMS CONT'D: DISTURBANCE OF MENSTRUAL CYCLE. MEN: BREAST ENLARGEMENT/LOSS OF SEXUAL DRIVE/SEXUAL ORGAN DEGENERATION/OTHER FEMINIZING EFFECTS.

Health Hazards Data

LD50LC50Mixture:
N/P

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
YES

IARC:
YES

OSHA:
NO

Health Hazards Acute And Chronic:
CHLORSTATIC JAUNDICE/PROMINENT GYNecomASTIA. BOTH MALE/FEMALE CHILDREN EXPERIENCED BREAST ENLARGEMENT/NODULARITY AFTER TAKING VITAMINS CONTAMINATED W/ESTROGENS. POSSIBLE ALLERGIC REACTION TO DUST IF I NHALED/INGESTED/CONTACT W/SKIN. EYE/SKIN/RESPIRATORY TRACT IRRITATION/POSSIBLE HYPERSENSITIZATION. (SUPP)

Explanation Of Carcinogenicity:
SEE INGREDIENTS

Signs And Symptions Of Overexposure:
IRRITATION/NAUSEA/VOMITING/ABDOMINAL CRAMPS/BLOATING/LOSS OF SCALP HAIR/FLUSHING OF SKIN/HEADACHE/MIGRAINE/DIZZINESS/MENTAL DEPRESSION/INCREASE/DECREASE OF WEIGHT/EDEMA/CHANGES IN LIBIDO/LOSS OF APPET ITE/FLUID & SALT RETENTION. WOMEN: FULLNESS/TENDERNESS OF BREASTS/VAGINAL/UTERINE BLEEDING/INCREASED HAIR GROWTH. (SUPP)

Medical Cond Aggravated By Exposure:
HYPERSENSITIVITY TO MATERIAL/KNOWN/SUSPECTED BREAST CANCER/ESTROGEN DEPENDENT NEOPLASIA/PREGNANCY/UNDIAGNOSED ABNORMAL GENITAL BLEEDING/ACTIVE THROMBOPHLEBITIS/THROMBOEMBOLIC DISORDERS.

First Aid:
INHALATION: REMOVE FROM EXPOSURE. GIVE CPR/OXYGEN IF NEEDED. EYES: FLUSH W/COPIOUS QUANTITIES OF WATER. INGESTION: FLUSH MOUTH OUT W/WATER. SKIN: FLUSH W/COPIOUS QUANTITIES OF WATER. HYPERSENSITIVITY REACTIONS MUST RECEIVE IMMEDIATE MEDICAL ATTENTION. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:
WEAR APPROVED RESPIRATOR & CHEMICALLY COMPATIBLE GLOVES. VACUUM/SWEEP UP. AVOID DUST. PLACE MATERIAL IN APPROPRIATE CONTAINER FOR WASTE DISPOSAL. VENTILATE AREA & WASH SITE.

Neutralizing Agent:
N/K

Waste Disposal Methods:
DISPOSE OF IAW/FEDERAL, STATE & LOCAL REGULATIONS.

Handling And Storage Precautions:
STORE IN TIGHT CONTAINER. SHOULD BE HANDLED/STORED PER LABEL/OTHER INSTRUCTIONS TO ENSURE PRODUCT INTEGRITY. USE W/ADEQUATE VENTILATION.

Other Precautions:
AVOID CONTACT W/EYES, SKIN/CLOTHING. AVOID BREATHING DUST/MIST/FUMES/VAPORS. USE W/ADEAUATE DUST CONROL. DON'T PERMIT EATING/DRINKING/SMOKING NEAR MATERIAL. 2

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
N/K

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
WATER SPRAY, DRY CHEMICAL, CO2, FOAM AS APPROPRIATE FOR SURROUNDING FIRE/MATERIALS.

Fire Fighting Procedures:
EVACUATE AREA. WEAR SELF CONTAINED BREATHING APPARATUS & PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:
MATERIAL IS ASSUMED TO BE COMBUSTIBLE. AS W/ALL DRY POWDERS, GROUND MECHANICAL EQUIPMENT IN CONTACT W/DRY MATERIAL TO DISSIPATE STATIC ELECTRICITY.

Physical/Chemical Properties

HCC:

NRC/State LIC No:
3

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/K

Melt/Freeze Pt:

M.P/F.P Text:
N/K

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
N/K

Vapor Density:
N/K

Volatile Org Content %:

Spec Gravity:
N/K

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/K

Solubility in Water:
INSOLUBLE

Appearance and Odor:
WHITE CRYSTALLINE POWDER W/NO ODOR

Percent Volatiles by Volume:
N/K

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
HEAT

Materials To Avoid:
STRONG OXIDIZERS, STRONG ACIDS, STRONG BASES, ACID CHLORIDES, ACID ANHYDRIDES.

Hazardous Decomposition Products:
ACRID SMOKE &TOXIC FUMES

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/K

Toxicological Information

Information:N/P

MSDS Transport Information

Information:N/P

Regulatory Information

Sara Title III Information: N/P
Federal Regulatory Information: N/P
State Regulatory Information: N/P

Other Information

Other Information:N/P