

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-630/630-93-3.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

630-93-3

Code:

M

RTECS:

MU1400000

Code:

M

Name:

PHENYTOIN SODIUM(50MG/ML)

Other REC Limits:

NONE RECOMMENDED

OSHA PEL:

NOT ESTABLISHED

Code:

M

OSHA STEL:**Code:****ACGIH TLV:**

NOT ESTABLISHED

Code:

M

ACGIH STEL:

N/P

Code:

1

Control Measures

Respiratory Protection:

NOT NEEDED IN NORMAL SERVICE.

Ventilation:

NO SPECIAL REQUIREMENTS

Protective Gloves:

RUBBER 3

Eye Protection:

SAFETY GLASSES

Other Protective Equipment:

Equipment PROVIDE A LOCAL EYE WASH STATION.

Work Hygienic Practices:

USE REASONABLE CARE IN HANDLING THIS PRODUCT.WASH HANDS AFTER USE AND BEFORE EATING.

Supplemental Safety and Health:

NONE

Health Hazards Data

LD50/LC50/Mixture:

ORAL LD50 (RAT) IS 1635MG/KG

Route Of Entry Inds - Inhalation:

NO

Skin:

NO

Ingestion:

NO

Carcinogenicity Inds - NTP:

YES

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

EYES: MAY CAUSE IRRITATION. SKIN: MAY CAUSE IRRITATION AND ALLERGIC SENSITIZATION. INGEST: MAY CAUSE GI TRACT IRRITATION. INHAL: MAY CAUSE RESPIRATORY IRRITATION. CHRONIC: PHENYTOIN HAS BEEN SHOWN TO CAUSE REPRODUCTIVE DAMAGE. ALSO, IT MAY ELICIT SEVERE HEART REACTION IN THE ELDERLY AND GRAVELY ILL. ETHANOL MAY DAMAGE THE LIVER.

Explanation Of Carcinogenicity:

PHENYTOIN IS LISTED BY NTP BECAUSE IT PRODUCES LYMPHOMAS AND LEUKEMIA IN MICE.

Signs And Symptoms Of Overexposure:

REPRODUCTIVE DAMAGE: OFSPRING WITH CLEFT PALLETTE, MALFORMED HEART AND FETAL HYDANTOIN SYNDROME. OVERDOSE: TREMOR, LETHARGY, SLURRED SPEECH, NAUSEA, VOMITING, COMA, HYPERTENSION, RASHES, GINGIVAL HYPERPLASIA.

Medical Cond Aggravated By Exposure:

PERSONS WITH PRE-EXISTING HYPERSENSITIVITY TO HYDANTOINS OR HEART DISEASE OR ALCOHOLISM MAY BE AT INCREASED RISK FROM EXPOSURE.

First Aid:

2 SKIN: REMOVE CONTAMINATED CLOTHING; WASH WITH WATER. EYES: FLUSH WITH WATER FOR 15 MINUTES. INHAL: REMOVE TO FRESH AIR. GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED. INGEST: DO NOT INDUCE VOMITING. GET PROMPT MEDICAL ATTENTION. PROVIDE SUPPORTIVE CARE; MONITOR HEART AND LUNG FUNCTIONS.

Spill Release Procedures:

ELIMINATE SOURCES OF IGNITION. SOAK UP WITH NON-COMBUSTIBLE INERT ADSORBANT (EG. CLAY); PLACE COLLECTED MATERIAL IN AN APPROPRIATE CONTAINER FOR DISPOSAL; CLEAN SPILL AREA TO REMOVE SLIPPERINESS.

Neutralizing Agent:

NOT APPLICABLE.

Waste Disposal Methods:

DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

Handling And Storage Precautions:

STORE IN A COOL, DRY, WELL-VENTILATED PLACE. KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP AWAY FROM HEAT, SPARKS, FLAMES AND INCOMPATIBLE MATERIALS.

Other Precautions:

FOLLOW LABEL DIRECTIONS.

Fire and Explosion Hazard Information

Flash Point Method:

COC

Flash Point:

=12.7C, 54.9F

Flash Point Text:

NO

Autoignition Temp:

N/K

Lower Limits:

N/K

Upper Limits:

N/K

Extinguishing Media:

WATER, CARBON DIOXIDE, FOAM.

Fire Fighting Procedures:

USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:

FIRE CONDITIONS MAY EVOLVE TOXIC FUMES.

Physical/Chemical Properties

HCC:

F2

NRC/State LIC No:

N/R

Net Prop WT For Ammo:

N/K

Boiling Point:

=77.8C, 172F

B.P. Text:

NO

Melt/Freeze Pt:

N/K

Decomp Temp:

N/K

Decomp Text:

N/P

Vapor Pres:

43

Vapor Density:

N/K

Volatile Org Content %:

N/K

Spec Gravity:

1.0306

VOC Pounds/Gallon:

N/K

PH: 10-12

N/K

VOC Grams/Liter:

N/K

Viscosity:

5.3 CPS

Evaporation Rate & Reference:

N/K

Solubility in Water:

NEGIGIBLE

Appearance and Odor:

LIQUID; CLEAR, ODOR NOT REPORTED.

Percent Volatiles by Volume:

10

Corrosion Rate:

UNKNOWN

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

HIGH HEAT, SOURCES OF IGNITION.

Materials To Avoid:

STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:

OXIDES OF NITROGEN.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

N/P

Toxicological 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

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

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The product information in this document is based on the present state of our knowledge and does not represent any guarantee of the properties of the product. LookChem shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

LookChem
Look for Chemicals
www.lookchem.com