

SIGMA CHEMICAL CO -- PENTOBARBITAL FREE ACID--DEA SCHEDULE II  
IT -- 6810-00N037371

===== Product Identification =====

Product ID:PENTOBARBITAL FREE ACID--DEA SCHEDULE II IT  
MSDS Date:11/29/1991  
FSC:6810  
NIIN:00N037371  
MSDS Number: BQRWR  
=== Responsible Party ===  
Company Name:SIGMA CHEMICAL CO  
Box:14508  
City:ST LOUIS  
State:MO  
ZIP:63178  
Country:US  
Info Phone Num:800-325-3010;314-771-5750  
Emergency Phone Num:314-771-5765  
CAGE:21076

=== Contractor Identification ===

Company Name:SIGMA CHEMICAL COMPANY  
Address:3050 SPRUCE ST  
Box:14508  
City:ST LOUIS  
State:MO  
ZIP:63178  
Country:US  
Phone:314-771-5765  
CAGE:21076

===== Composition/Information on Ingredients =====

Ingred Name:BARBITURIC ACID, 5-ETHYL-5-(1-METHYLBUTYL)-; (PENTOBARBITAL  
FREE ACID)  
CAS:76-74-4  
RTECS #:CQ5775000

===== Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL,RAT) 125 MG/KG.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: HARMFUL IF SWALLOWED, INHALED,  
OR ABSORBED THROUGH SKIN. MAY CAUSE IRRITATION. EXPOSURE CAN CAUSE  
GASTROINTESTINAL DISTURBANCES, RESPIRATORY DEPRESSION, AND  
SEDATION. CHRONIC: POSSIBLE TERATOGE N. OVEREXPOSURE MAY CAUSE  
REPRODUCTIVE DISORDER(S) BASED ON TESTS WITH LABORATORY ANIMALS.  
PROLONGED (EFTS OF OVEREXP)  
Explanation of Carcinogenicity:NOT RELEVANT.  
Effects of Overexposure:HLTH HAZ: OR REPEATED EXPOSURE CAN LEAD TO  
HABITUATION OR ADDICTION.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== First Aid Measures =====

First Aid:INGESTION: WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL PHYSICIAN. SKIN: FLUSH W/COPIOUS AMOUNTS OF WATER FOR AT LST 15 MINS. REMOVE CONTAMD CLTHG & SHOES. CALL PHYS. INHAL: REMOVE TO FRESH AIR. IF BRTHG BECOMES DFCLT, CALLPHYSICIAN. EYES: FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LST 15 MINS. ASSURE ADEQUATE FLUSHING BY SEPARATING EYELIDS WITH FINGERS. CALL PHYSICIAN.

===== Fire Fighting Measures =====

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

===== Accidental Release Measures =====

Spill Release Procedures:WEAR NIOSH/MSHA APPROVED 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 SP ILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER.

Other Precautions:TOXIC BY INHALATION, IN CONTACT WITH SKIN AND IF SWALLOWED. POSSIBLE RISK OF IRREVERSIBLE EFFECTS. POSSIBLE TERATOGEN. IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW LABEL WHERE POSSIBLE).

===== Exposure Controls/Personal Protection =====

Respiratory Protection:WEAR NIOSH/MSHA APPROVED RESPIRATOR.

Ventilation:USE ONLY IN A CHEMICAL FUME HOOD.

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health  
NONE SPECIFIED BY MANUFACTURER.

===== Physical/Chemical Properties =====

Melt/Freeze Pt:M.P/F.P Text:267F,131C

Appearance and Odor:SOLID.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:TOXIC FUMES OF CARBON MONOXIDE, CARBON

DIOXIDE, NITROGEN OXIDES.

===== Disposal Considerations =====

Waste Disposal Methods: CONTACT DRUG ENFORCEMENT ADMINISTRATION  
CONCERNING DISPOSAL OF CONTROLLED SUBSTANCES. DISPOSE OF IN  
ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS .

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