

BOEHRINGER INGELHEIM PHARMACEUTICALS, INC. -- THALITONE -- 6505-01-099-8483

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

Product ID:THALITONE

MSDS Date:10/01/1990

FSC:6505

NIIN:01-099-8483

MSDS Number: BMBXG

=== Responsible Party ===

Company Name:BOEHRINGER INGELHEIM PHARMACEUTICALS, INC.

Address:175 BRIAR RIDGE RD

Box:1160

City:DANBURY

State:CT

ZIP:06810-7249

Country:US

Info Phone Num:203-798-5521/203-798-

9988

Emergency Phone Num:203-798-5521/203-798-9988

CAGE:55391

=== Contractor Identification ===

Company Name:BOEHRINGER INGELHEIM INC.

Address:175 BRIAR RIDGE RD.

Box:1160

City:DANBURY

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Phone:203-798-9988

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

Ingred Name:CHLOROTHALIDONE (77-36-1)

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFIED

OSHA PEL:NOT ESTABLISHED.

ACGIH TLV:NOT ESTABLISHED.

===== Hazards Identification ===

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LD50 LC50 Mixture:LD50 (ORAL RAT) IS 6000 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-EYES/SKIN/INHALATION:IRRITATION.POSSIBLE ALLERGIC  
REACTION TO DUST IF INHALED/SKIN CONTACT.ORAL:MAY CAUSE DRYNESS OF  
MOUTH,INCREASED THIRST,IRREGULAR HEARTBEAT,MOOD/MENTAL  
CHANGES,MUSCLE CRAMPS/ PAIN,NAUSEA,VOMITING,UNUSUAL  
TIREDNESS,WEAKNESS,WEAK PULSE.CHRONIC-PO  
SSIBLE  
HYPERSENSITIVITY,ELECTROLYTE IMBALANCE.

Effects of Overexposure:CAN CAUSE EYES/SKIN/INHALATION IRRITATION.  
POSSIBLE ALLERGIC REACTION TO DUST IF INHALED/SKIN  
CONTACT/INGESTED. ORALLY MAY CAUSE DRYNESS OF MOUTH, INCREASED  
THIRST, IRREGULAR HEARTBEAT, MOOD/MENTAL CHANGES, MUSCLE  
CRAMPS/PAIN, NAUSEA, VOMITING, UNUSUAL TIREDNESS, WEAKNESS AND WEAK  
PULSE.

Medical Cond Aggravated by Exposure:HYPERSENSITIVITY TO CHLORTHALIDONE  
OR OTHER SULFONAMIDE DRUGS, RENAL DISEASE,  
LIVER DISEASE.

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST.EYE/SKIN:FLUSH WITH  
WATER FOR 15 MINUTES.HOLD EYELIDS OPEN.INHALED:REMOVE TO FRESH AIR  
& PROVIDE OXYGEN/CPR IF NEEDED.ORAL:FLUSH OUT MOUTH WITH WATER.SEEK  
MEDICAL ATTENTION.

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

Extinguishing Media:CARBON DIOXIDE, FOAM OR DRY CHEMICAL. WATER SPRAY  
MAY BE USED TO KEEP FIRE EX  
POSED CONTAINERS COOL & FLUSH SPILLS  
AWAY.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND  
NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL  
FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:AS WITH ANY FINELY DIVIDED ORGANIC  
SOLID,DUST MAY BE EXPLOSIVE IF MIXED WITH AIR IN CRITICAL  
PROPORTIONS & IN THE PRESENCE OF AN IGNITION SOURCE.

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

Spill Release Procedur

es:WEAR APPROVED RESPIRATOR AND CHEMICALLY  
COMPATIBLE GLOVES. VACUUM OR SWEEP UP SPILLAGE. AVOID CREATING  
DUST. PLACE SPILLAGE IN APPROPRIATE CONTAINER FOR WASTE DISPOSAL.  
WASH CONTAMINATED CLOTHING BEFO RE REUSE. VENTILATE AREA AND WASH  
SPILLSITE.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORAGE-STORE IN AIRTIGHT  
CONTAINER.USE WITH ADEQUATE DUST CONTROL.

Other Precautions:DO NOT

RAISE DUST. AVOID CONTACT WITH EYES AND SKIN.

AVOID BREATHING DUST. WASH THOROUGHLY AFTER HANDLING MATERIAL. WEAR  
FRESH CLOTHING DAILY.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF WORKPLACE EXPOSURE  
LIMIT IS EXCEEDED, A NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR OR  
DUST RESPIRATOR IS ADVISED.

Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL  
EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BEL  
OW TLV(S).

Protective Gloves:RUBBER

Eye Protection:DUST-RESISTANT SAFETY GOGGLES

Other Protective Equipment:EYE WASH STATION, EMERGENCY SHOWER,  
APPROPRIATE LABORATORY COAT TO COVER EXPOSED SKIN

Work Hygienic Practices:DO NOT PERMIT EATING, DRINKING OR SMOKING NEAR  
THIS MATERIAL.

Supplemental Safety and Health

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

HCC:N1

Melt/Freeze Pt:M.P/F.P Text:355F,179C

Solubility in Water:PRACTICALLY INSOLUBL

Appearance and Odor:WHIT

E TO YELLOWISH-WHITE CRYSTALLINE POWDER;  
ODORLESS

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

Stability Indicator/Materials to Avoid:YES  
NONE KNOWN.

Stability Condition to Avoid:FLAMES

Hazardous Decomposition Products:TOXIC FUMES

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND  
FEDERAL REGULATIONS. RECOMMENDED METHOD IS BY INCINERATION OR  
LANDFILL.

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ed with this information by the compiling agencies):

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