

ICI AMERICAS INC.,ICI PHARMACEUTICALS DIV -- TENORMIN TABLETS -- 6505-01-178-9287

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Product Identification  
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Product ID:TENORMIN TABLETS

MSDS Date:01/16/1990

FSC:6505

NIIN:01-178-9287

MSDS Number: BGPWD

=== Responsible Party ===

Company Name:ICI AMERICAS INC.,ICI PHARMACEUTICALS DIV

Address:CONCORD PIKE AND MURPHY ROAD

City:WILMINGTON

State:DE

ZIP:19897

Country:US

Info Phone Num:302-886-30

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Emergency Phone Num:800-327-8633 MEDICAL

CAGE:0A273

=== Contractor Identification ===

Company Name:ZENECA INC., ZENECA PHARMACEUTICALS GROUP

Address:1800 CONCORD PIKE

Box:City:WILMINGTON

State:DE

ZIP:19803-2902

Country:US

Phone:302-886-3000

CAGE:0A273

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Composition/Information on Ingredients  
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Ingred Name:4-(2-HYDROXY-3-ISOPROPYLAMINOPROPOXY)PHENYLACETAMIDE

CAS:29122-68-7

RTECS #:AC3600000

Other REC Limits:2MG/M\*3

OSHA PEL:NOT LISTED

ACGIH TLV:NOT LISTED

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===== Hazards Identification =====  
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LD50 LC50 Mixture:LD50 ORAL RAT=4-5MG/KG-ACTIVE INGREDIENT

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES:NO IRRITATION EXPECTED. SKIN:NOT AN ACUTE SKIN IRRITANT NOR A SKIN SENSITIZER. PROBABLY NOT ABSORBED THROUGH SKIN. INHALATION:ALLERGIC RESPIRATORY REACTIONS,CNS DEPRESSION,DISORIENTATION,MEMORY L APSSES,INJURY TO BLOOD CELLS AND

HYPOGLYCEMIA. INGESTION:GASTROINTESTINAL DISTURBANCE,TEMPORARY HAIR LOSS.

Effects of Overexposure:THE CRUDE FORM OF TENORMIN WAS FOUND NEITHER IRRITATING TO HUMAN EYE AND SKIN NOR SKIN SENSITIZER.. DATA DID INDICATE THAT INHALATION OF RAW TENORMIN CAUSED IRRITATION AND EXCRETED IN THE URINE. EXCES SIVE ORAL OR INHALATION EXPOSURE CAUSED BLOOD CELL DAMAGE, HYPOGLYCEMIA,ALLERGIC RESPIRATORY REACTION,CNS DEPRESSION,ETC

Medical Cond Aggravated by Exposure:RESPIRATORY CONDITIONS.

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===== First Aid Measures =====  
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First Aid:EYES:FLUSH WITH PLENTY OF WATER.IF REDNESS DEVELOPS,SEE DOCTOR. SKIN:WASH WITH SOAP AND WATER.IF DISCOMFORT PERSISTS,SEE DOCTOR. INHALATION:REMOVE TO FRESH AIR AND SEE DOCTOR. INGESTION:FLUSH MOUTH WITH WATER AND SEE DOCTOR. NOTE TO DOCTOR:FOR BRADYCARDIA,ATROPINE;FOR HEART BLOCK,ISOPROTERENOL;FOR HYPOTENSION,EPINEPHRINE OR NOREPINEPHRINE IN ADDITION TO ATROPINE AND DIGITALIS--

CONT'D IN SUPPL.DATA

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===== Fire Fighting Measures =====  
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Flash Point:NONE

Extinguishing Media:WATER FOG,FOAM,CARBON DIOXIDE,DRY CHEMICAL,HALON 1211.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:EXTREMELY SENSITIVE TO IGNITION BY ELECTROSTATIC DISCHARGE, BOTH AS DUST CLOUD AND I

N THE FORM OF  
POWDER LAYER.

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

Spill Release Procedures:WEAR RESPIRATORY PROTECTION DURING CLEANUP.  
SWEEP UP AND RECOVER OR MIX WITH MOIST ABSORBENT AND SHOVEL INTO  
WASTE CONTAINER. WASH DOWN SPILL AREA WITH HOT WATER CONTAINING  
DETERGENT AND FLUSH TO A SEWER SERVICED BY A WASTEWATER TREATMENT  
FACILITY.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====  
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Handling and Storage Precautions:FOLLOW PROCEDURES SPECIFIED IN THE  
NATIONAL FIRE PROTECTION ASSOCIATION CODES AND STANDARDS FOR  
HANDLING COMBUSTIBLE DUSTS.

Other Precautions:MAINTAIN GOOD HOUSEKEEPING TO AVOID DUST BUILDUP.  
PREVENT SKIN CONTACT. AVOID INHALING DUSTS OR VAPORS.

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

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR FOR DUSTS AND  
MISTS WHEN CONCENTRATION EXCEEDS 0.05MG/M<sup>3</sup>.

Ventilation:USE LOCAL EXHAUST TO KEEP EXPOSURES TO A MINIMUM.

Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS

Work Hygienic Practices:ALWAYS WASH HANDS & FACE PRIOR TO  
EATING,DRINKING/SMOKING.DO NOT ALLOW EMPLOYEES TO TAKE CONTAMINATED  
CLOTHES FROM WORK.

Supplemental Safety and Health

EMERGENCY FIRST AID CONTD: FOR BRONCHOSPASM,AMINOPHYLLINE OR  
ISOPROTERENOL FOR HYPOGLYCEMIA,GLUCOSE. -- NO TOXICITY INFORMATION  
IS AVAILABLE ON THIS SPECIFIC PREPARATION; THIS H

HEALTH HAZARD

ASSESSMENT IS BASED ON INFORMATION THAT IS AVAILABLE ON THE ACTIVE  
COMPONENTS IN THE FORMULATION.

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

HCC:N1

Solubility in Water:NEGLIGIBLE

Appearance and Odor:TABLETS

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

Stability Indicator/Materials to Avoid:YES  
NONE KNOWN.

Hazardous Decomposition Products:THERMAL DECOMPOSITION: CARBON  
DIOXIDE,CARBON MONOXIDE,NITROGEN OXIDES.

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

Waste Disposal Methods:DISCARDED PRODUCT IS NOT A HAZARDOUS WASTE UNDER RCRA. EMPTY CONTAINER RETAINS PRODUCT RESIDUE. OBSERVE ALL HAZARD PRECAUTIONS. DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.

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