View NSN Online: https://aerobasegroup.kr/nsn/6505-00-226-3662

Product ID:PURINETHOL TABLETS

MSDS Date:06/23/1999

FSC:6505

NIIN:00-226-3662

Status Code:A

MSDS Number: CKKQH === Responsible Party ===

Company Name: GLAXO WELLCOME INC.

Address:FIVE MOORE DRIVE

Box:13438

City:RESEARCH TRIANGLE PARK

State:NC ZIP:27709 Country:US

Info Phone Num:919-248-2100

Emergency Pho

ne Num:919-248-2700

CAGE:LO532

=== Contractor Identification ===

Company Name: GLAXO WELLCOME INC.

Address:5 MOORE DR

Box:13398 City:DURHAM State:NC

ZIP:27709 Country:US

Phone:919-248-2100

CAGE:34006

Company Name: GLAXO WELLCOME INC.

Address: FIVE MOORE DRIVE

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State:NC ZIP:27709 Country:US

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

Ingred Name:6-MERCAPTOPURINE MONOHYDRATE OR MERCAPTOPURINE CAS:6112-76-1

R

LD50 LC50 Mixture:LD50 (MOUSE) = 1250 MG/KG

- Health Hazards Acute and Chronic:MERCAPTOPURINE IS A POWERFUL CYTOTOXIC AGENT. MAY BE HARMFUL IF SWALLOWED. MAY BE HARMFUL IF INHALED. MAY CAUSE SENSTIZATION OF SKIN. POSSIBLE RISK TO UNBORN CHILD. MUTAGEN AND PROBABLE HUMAN CARCINOG EN. POSSIBLE REPRODUCTIVE HAZARD. WHEN USED MEDICALLY, HAS BEEN ASSOCIATED WITH: BONE MARROW SUPPRESSION LEADING T
- O ANEMIA, THROMBOCYTOPENIA, LEUKOPENIA, OR A COMBINATION OF THESE; LIVER TOXICITY (WIT H JAUNDICE AND ELEVATED SERUM ENZYMES INDICATIVE OF LIVER DAMAGE), SKIN RASH, AND OTHER EVIDENCE OF HYPERSENSITIVITY, GASTROINTESTINAL ULCERATION AND OTHER ADVERSE GI EFFECTS (DIARRHEA).
- Explanation of Carcinogenicity: MERCAPTOPURINE IS A PROBABLE HUMAN CARCINOGEN, BUT THE RISK IS UNKNOWN.
- Effects of Overexposure:SIGNS AND SYMPTOMS OF OVERDOSAGE-IMMEDIATE: ANOREXIA, NAUSEA, VOMITING AND
- DIARRHEA. DELAYED: MYELOSUPPRESSION, LIVER DYSFUNCTION, GASTROENTERITIS. ADMINISTRATION OF PURINETHOL HAS BEEN ASSOCIATED WIT H SKIN RASHES AND HYPERPIGMENTATION. OTHER SYMPTOMS: JAUNDICE, ELEVATED SERUM ENZYMES.
- Medical Cond Aggravated by Exposure:RARE INDIVIDUALS WITH INHERITED DEFICIENCY OF THE ENZYME THIOPURINE METHYLTRANSFERASE (TPMT) MAY BE UNUSUALLT SENSITIVE TO THE MYELOSUPPRESSIVE EFFECTS OF MERCAPTOPURINE.

	First Aid Measures	=======
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First Aid:IN EYES: FLUSH IMMEDIATELY WITH LARGE QUANTITIES OF WATER FOR 15 MINUTES. OBTAIN MEDICAL ATTENTION. ON SKIN: REMOVE CONTAMINATED CLOTHES. FLUSH EXPOSED SKIN WITH WATER AND WASH THOROUGHLY WITH SOAP AN D WATER. OBTAIN MEDICAL ATTENTION. INHALED: IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION OR CPR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. REMOVE PERSON TO FRESH AIR. OBTAIN MEDICAL ATTENTION. INGESTE D: IF CONSCIOUS, RINSE MOUTH WITH WATER. NEVER

Flash Point: NOT DETERMINED Lower Limits:N/D Upper Limits:N/D Extinguishing Media: WATER SPRAY, MULTIPURPOSE DRY CHEMICAL. Fire Fighting Procedures: WEAR FULL PROTECTIVE CLOTHING AND USE SELF--CONTAINED BREATHING APPARATUS (SCBA). Unusual Fire/Explosion Hazard: AS FORMULATED, PURINETHOL TABLETS SHOULD BE DUST-FREE. HOWEVER, BREAKAGE OF TABLETS, ESPECIALLY IN BULK OPERATIONS, COULD CONTRIBUTE TO DUST FORMATION. AS WITH ANY ORGANIC DUST, THERE IS POTENTIAL FOR EXPLOSION WHEN HIGH CONCENTRATIONS ARE SUSPENDED IN AIR. N/D= NOT DETERMINED. ========= Accidental Release Measures =============== Spill Release Procedures: PROTECTIVE EQUIPMENT MAY BE NECESSARY FOR SPILLS. SMALL QUANTITIES FROM NORMAL THERAPEUTIC USE: COLLECT SPILLAGE, MINIMIZING DUST AND TRANSFER TO CLOSED WASTE CONTAINER FOR DISPOSAL. LARGE BULK QUA NTI TIES: COLLECT BY WET WIPING OR HEPA VACUUMING AND PALCE IN A LABELED, SEALED CONTAINER FOR DISPOSAL. WASH SPILL AREA WITH SUITABLE CLEANING SOLVENT THEN WASH WITH WATER. CLEAN AREA WITH SOAP & WATER. Neutralizing Agent: CLEANING SOLVENT: DILUTE ALKALINE PERMANGANATE SOLUTION. ============ Handling and Storage =========================== Handling and Storage Precautions: AVOID MOISTURE BY ANY ROUTE. USE ONLY IN WELL-VENTILATED AREA WITH LIMITED ACCESS. PROPERLY IDENT **IFY** 

(SIGNAGE & LABELS) POTENTIAL HAZARDS IN WORK AREAS. NO OPEN

BEEN ATKEN TO MINIMIZE SURFACE CONTAMINATION.

(59-77F) IN A DRY PLACE. KEEP IN

HANDLING OF POWDERS OR UNCOATED TABLETS UNLESS PRECAUTIONS HAVE

Other Precautions: AEROSOL-GENERATING PROCEDURES SHOULD BE CONDUCTED IN A LABORATORY FUME HOOD. DECONTAMINATE EQUIPMENT AND SURFACES

THATMAY HAVE COME IN CONTACT WITH COMPOUND. WASH HANDS AND OTHER EXPOSED SKIN THOROUGH LY BEFORE LEAVING WORK AREA. STORE AT 15-25C

GIVE ANYTHING BY MOUTH IF UNCONSCIOUS. OBTAIN MEDICAL ATTENTION.



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

Respiratory Protection:NOT REQUIRED UNDER NORMAL CONDITIONS OF THERAPEUTIC USE AND STORAGE. RESPIRATORY PROTECTIVE EQUIPMENT MAY BE NECESSARY TO PROVIDE ADDITIONAL PROTECTION FOR DUSTY PROCESSED AND IN THE ABSENCE OF SUFFIC ENT ENGINEERING CONTROLS. USE NIOSH APPROVED RESPIRATORY PROTECTION TO CONTROL AIRBORNE LEVELS BELOW THE OEL.

Ventilation: NO SPECIAL VENTILATION R

**EQUIREMENTS FOR NORMAL, THERAPEUTIC** 

DOSAGE & ADMINISTRATION. FOR DUSTY PROCESSES: LOCAL EXHAUST VENTILATION.

Protective Gloves: USE IMPERMEABLE (E.G. LATEX) GLOVES TO PREVENT SKIN CONTACT.

Eye Protection: WORKERS SHOULD WEAR ADEQUATE EYE PROTECTION TO PREVENT EYE CONTACT.

Other Protective Equipment: ADEQUATE PROTECTIVE CLOTHING SHOULD BE WORN TO PREVENT OCCUPATIONAL SKIN CONTACT.

Work Hygienic Practices: SPECIAL CARE SHOULD BE TAKEN TO ENSURE THAT CONTAMINATED CLOTHING, EQUIP

MENT, AND SURFACES ARE PROPERLY CLEANED

AFTER USE. WASH HANDS AND OTHER AREAS OF SKIN CONTACT THROUGHLY AFTER HANDLING.

Supplemental Safety and Health

CONTAMINATED CLOTHING SHOULD BE DISPOSED OF OR CLEANED. POTENTIALLY CONTAMINATED CLOTHING SHOULD BE PACKAGED FOR LAUNDERING TO PREVENT EXPOSURE OF LAUNDRY PERSONNEL.

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

HCC:K2

Melt/Freeze Pt:=300.C, 572.F

M.P/F.P Text:MERCAPTOPURINE

Decomp Temp:=300.C, 572.F

Solubi

lity in Water: 0.26 MG/L: MERCAPTOPURINE

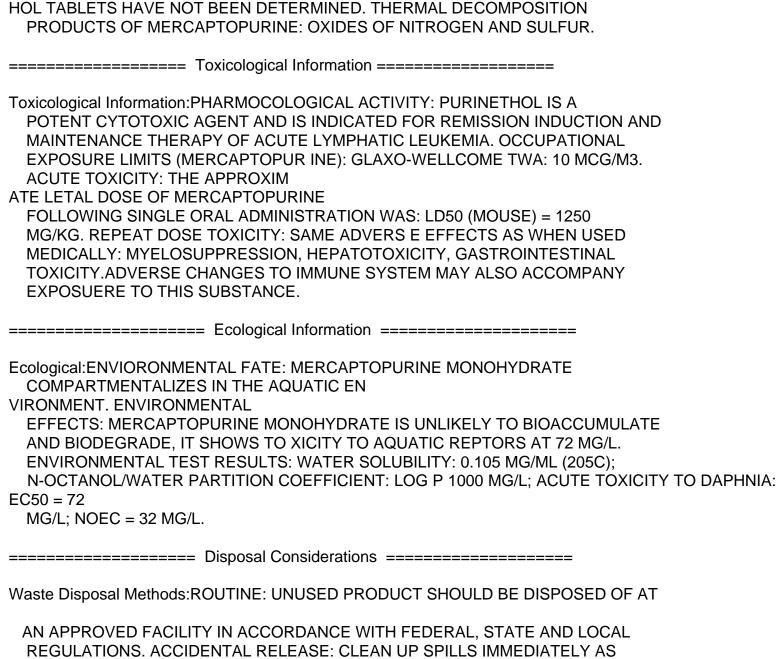
Appearance and Odor:PURINETHOL TABLETS ARE PALE YELLOW TO BUFF SCORED TABLETS IMPRINTED WITH 04A

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

NOT DETERMINED FOR PURINETHOL TABLETS. NO KNOWN INCOMPATIBILITIES HAVE NOT BEEN IDENTIFIED FOR MERCAPTOPURINE, THE ACTIVE INGREDIENT IN PURINETHOL TABLETS.

Stability Condition to Avoid: NOT DETERMINED.

Hazardous Decomposition Products:HAZARDOUS DECOMPOSITION PRODUCTS OF PURINET



AN APPROVED FACILITY IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. ACCIDENTAL RELEASE: CLEAN UP SPILLS IMMEDIATELY AS PREVIOUSLY NOTED, OBSE RVING PRECAUTIONS FOR PERSONAL PROTECTION. REMOVE OR DECONTAMINATE ALL RESIDUES IAW FEDERAL, STATE A ND LOCAL REGULATIONS.

======= MSDS Transport Information ==========

Transport Information: US DOT PROPER SHIPPING NAME: NOT REGULATED FOR TARNSPORTATION. IATA/ICAO PROPER SHIPPING NAME: NOT REGULATED

FOR TARNSPORTATION. IMDG PROPER SHIPPING NAME: NOT REGULATED FOR TARNSPORTATION. RQ = NONE. MARINE POLLUTANT: NO.
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SARA Title III Information:NO DATA PROVIDED BY RESPONSIBLE PARTY. Federal Regulatory Information:NO DATA PROVIDED BY RESPONSIBLE PARTY. State Regulatory Information:NO DATA PROVIDED BY RESPONSIBLE PARTY.
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