

BURROUGHS WELLCOME CO. -- THIOGUANINE -- 6505-01-153-3394

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

Product ID:THIOGUANINE

MSDS Date:08/24/1988

FSC:6505

NIIN:01-153-3394

MSDS Number: BHHQM

=== Responsible Party ===

Company Name:BURROUGHS WELLCOME CO.

Address:3030 CORNWALLIS ROAD

City:RESEARCH TRIANGLE PARK

State:NC

ZIP:27709-4416

Country:US

Info Phone Num:919-248-3000

Emergency Phone Num:919-248-3000

CAG

E:5P291

=== Contractor Identification ===

Company Name:BURROUGHS WELLCOME CO NATIONAL ACCOUNTS DIV

Address:3030 CORNWALLIS RD

Box:City:RESEARCH TRIANGLE PARK

State:NC

ZIP:27709-4416

Country:US

CAGE:5P291

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

Ingred Name:THIOGUANINE (6-THIGUANINE OR
2-AMINO-1,7-DIHYDRO-6H-PURINE-6-THIONE)

CAS:154-42-7

RTECS #:UP0740000

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

LD50 LC50 Mixture:LD50 ORAL RAT = 740

MG/KG

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

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

Health Hazards Acute and Chronic:THIOGUANINE HAS BEEN SHOWN TO BE TERATOGENIC IN RATS. DRUGS SUCH AS THIOGUANINE ARE POTENTIAL CARCINOGENS, MUTAGENS AND TERATOGENS. THIOGUANINE MAY CAUSE FETAL HARM WHEN ADMINITERED TO A PREGNANT WOMA N.

Explanation of Carcinogenicity:MANUFACTURER STATES THIOGUANINE IS A POTENTIAL CARCINOGEN, BUT IT IS NOT LISTED UNDER IARC,NTP OR OSHA.

Effects of Overexposure:NAUSEA, VOMITING, ANOREXIA, MALAISE, HYPERTENSION, DIAPHORESIS, AND STOMATITIS MAY OCCUR. THE SUPPRESSIVE EFFECT ON BONE MARROW AND AZOTEMIA IS LIKELY TO BE DELAYED FOR SEVERAL DAYS.

Medical Cond Aggravated by Exposure:MANUFACTURER DID NOT SPECIFY.

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

First Aid:IF INGESTED, WASH MOUTH. IF INGESTION WAS RECENT, INDUCE VOMIT, GASTRIC LAVAGE AND ADMINISTRATION OF CHARCOAL MAY REDUCE ABSORPTION. CONTACT PHYSICIAN.

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

Extinguishing Media:USE CARBON DIOXIDE, FOAM, DRY CHEMICAL, OR WATER FOG.

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:FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

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

Spill Release Procedures:SWEEP UP AND PLACE IN APPROPRIATE DISPOSAL CONTAINER.

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

Handling and Storage Precautions:KEEP IN ORIGINAL CONTAINER TIGHTLY CLOSED. PROTECT FROM LIGHT.

Other Precautions:NONE.

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

Respiratory Protection:NONE REQUIRED.

Ventilation:NORMAL ROOM VENTILATION.

Protective Gloves:NONE R

EQUIRED.

Eye Protection:NONE REQUIRED.

Other Protective Equipment:NONE.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

MSDS SUPPLIED BY MANUFACTURER WAS FOR BULK AMOUNT. HMIS MODIFIED MSDS
FOR TABLET FORM. THIOGUANINE IS AN ANTINEOPLASTIC DRUG.

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

HCC:N1

Solubility in Water:APPRECIABLE.

Appearance and Odor:SLIGHTLY YELLOW POWDER WITH NO ODOR.

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

Stability Indicator/Materials to Avoid:YES

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

Waste Disposal Methods:CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER.
ARRANGE FOR CHEMICAL INCINERATION OR SUPERVISED BURIAL AT AN
APPROVED TOXIC WASTE FACILITY. DISPOSE OF IN ACCORDANCE WITH ALL
APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

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