

AMERICAN MONITOR CORPORATION  
5425 West 84th Street  
Indianapolis, IN 46268  
800-428-1437

MATERIAL SAFETY DATA SHEET

PRODUCT IDENTIFICATION

Product Name: Bilirubin Caffeine

Catalog Number: 9001

HAZARDOUS INGREDIENTS

Ingredient

CAS No.

Caffeine

\*Ingredients not precisely identified are considered proprietary

The hazardous ingredients listed above are contained in this reagent in a diluted form. The attached Material Safety Data Sheet (MSDS) has, by necessity, been generated for the undiluted chemical ingredient. The user should bear in mind that this reagent would likely pose a lesser health threat because these ingredients are diluted. However, as always, good laboratory practice should be observed when handling chemicals in any form.

AMERICAN MONITOR CORPORATION  
5425 West 84th Street  
Indianapolis, IN 46268  
(800) 428-1437

MATERIAL SAFETY DATA SHEET

--Revised:-- 05/01/87

Page 1 of 3

SECTION I - INGREDIENT

Chemical Identification:

Chemical Name: Caffeine

CAS No.: 58-08-2

Common Synonyms: 1,3,7-Trimethylxanthine

PRECAUTIONARY LABELING

Hazard Rating: (Code: 0 = none; 1 = slight; 2 = moderate; 3 = severe; 4 = extreme)

Health: N/A Flammability: N/A Reactivity: N/A Contact: N/A

Laboratory Protective Equipment: Chemical safety glasses, protective lab coat

Precautionary Label Statements: FOR IN VITRO DIAGNOSTIC USE ONLY!

SECTION II - PHYSICAL DATA

Boiling Point: Sublimes without  
decomposition

Specific Gravity: 1.23

Melting Point: 235°C

Evaporation Rate: N/A

Solubility in water: 2g/100 ml

Percent Volatiles (Vol.%): N/A

Vapor Pressure: (@178°C)

Vapor Density: N/A

Appearance & Odor: White needles or white powder odorless with bitter taste.

pH:

MATERIAL SAFETY DATA SHEET

Revised: 05/01/87

Page 2 of 3

-----  
SECTION III - FIRE AND EXPLOSION HAZARD DATA  
-----

Flash Point: 925°C

Flammable Limits: 2-16g/cu. ft.

Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Special Fire Fighting Procedures: Firefighters should wear proper protective equipment and self-contained breathing apparatus with full faceplate.

Toxic Gases Produced: N/A

-----  
SECTION IV - HEALTH HAZARD DATA  
-----

Toxicity: N/A

Exposure Limit:

Effects of Overexposure: As a dust, may cause eye or skin irritation; may act as a stimulant with excessive inhalation or ingestion; large doses (above 1gm) may cause palpitation, excitement, insomnia, dizziness, headache and vomiting. Get medical attention.

-----  
SECTION V - EMERGENCY AND FIRST AID PROCEDURES  
-----

NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON!

Ingestion: Large doses (above 1gm) may cause palpitation, excitement, insomnia, dizziness, headache and vomiting. Get medical attention.

Inhalation:

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

Skin Contact: Immediately flush skin with plenty of water for at least 15 minutes. Call a physician.

-----  
SECTION VI - REACTIVITY DATA  
-----

Stability: Stable

Decomposition Products: When heated to decomposit  
may emit toxic fumes. Composition not  
Conditions to Avoid: N/A established.

Incompatibles: Hot alkalie,  
chlorine water

-----  
SECTION VII - SPILL AND DISPOSAL PROCEDURES  
-----

Steps to be taken in the event of a spill or leak: Flush spill area with water.

Disposal procedure: Dispose in accordance with all applicable federal, state, and local environmental regulations