

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

MATERIAL SAFETY DATA SHEET

Revised: 10/01/86

Page 1 of 3

-----  
SECTION I - PRODUCT IDENTIFICATION  
-----

Product Name: Caffeine Reagent

Catalog/Part No.: 4012-01, 5250-01, 5251-01, 8112-01, 9000-01, 9001-01

-----  
PRECAUTIONARY LABELING  
-----

Hazard Rating:

Health: 1      Flammability: 0      Reactivity: 0      Contact: 0

Laboratory Protective Equipment: Chemical safety glasses and lab coat recommended

Precautionary Label Statements: FOR IN VITRO DIAGNOSTIC USE ONLY!

WARNING: May be harmful if swallowed.

-----  
SECTION II - HAZARDOUS INGREDIENTS  
-----

<u>Ingredient</u>	<u>CAS No.</u>	<u>Percent</u>	<u>Exposure Limits</u>
Caffeine	58-08-2	< 10 %	TLV: Not established.

Ingredients not precisely identified are proprietary or nonhazardous. Values are not product specifications.

-----  
SECTION III - PHYSICAL DATA  
-----

Boiling Point:	N/A	Melting Point:	N/A
Specific Gravity:	N/A	Evaporation Rate:	N/A
Solubility in Water:	N/A	Percent Volatiles (Vol.%):	0
Vapor Pressure:	N/A	Vapor Density:	N/A
Appearance & Odor: Clear liquid			
pH:	N/A		

MATERIAL SAFETY DATA SHEET

Revised: 10/01/86

Page 2 of 3

Product Name: Caffeine Reagent

-----  
SECTION IV - FIRE AND EXPLOSION HAZARD DATA  
-----

Flash Point: N/A Flammable Limits: N/A

Extinguishing Media: Use extinguishing media appropriate for surrounding area.

Special Fire Fighting Procedures: N/A

Toxic Gases Produced: N/A

-----  
SECTION V - HEALTH HAZARD DATA  
-----

Toxicity: Caffeine: LD<sub>50</sub> (oral-rat) = 192 mg/kg

Effects of Overexposure: None documented

Emergency and First Aid Procedures:

Ingestion: If conscious, immediately induce vomiting.

Inhalation: N/A

Eye Contact: Flush eyes with water for at least 15 minutes.

Skin Contact: Flush with water for at least 15 minutes while removing contaminated clothing.

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

Stability: Stable Decomposition Products: N/A

Incompatibles: N/A Conditions to Avoid: Heat, strong acids and bases

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

Steps to be taken in the event of a spill or leak:  
Carefully clean area using large amounts of water.

Disposal procedure:  
Carefully pour liquid contents of containers down drain and scrap containers and caps. Check first all applicable federal, state and local environmental regulations.

MATERIAL SAFETY DATA SHEET

Revised: 10/01/86

Page 3 of 3

Product Name: Caffeine Reagent

-----  
SECTION VIII - SPECIAL PROTECTION INFORMATION  
-----

Ventilation: Use adequate general or local exhaust ventilation to keep fume levels as low as possible.

Respiratory Protection: None required under normal use.

Eye/Skin Protection: Chemical safety glasses and rubber gloves recommended.

-----  
SECTION IX - STORAGE AND HANDLING PRECAUTIONS  
-----

Special Precautions: Store between 20° and 25° C.

-----  
SECTION X - TRANSPORTATION DATA AND ADDITIONAL INFORMATION  
-----

Domestic (D.O.T.):

Proper Shipping Name: Chemicals, n.o.s.

International (I.M.O.):

Proper Shipping Name: Chemicals, n.o.s.

-----  
N/A = Not Applicable or Not Available

The information published in this Material Safety Data Sheet (MSDS) has been compiled in good faith from our experience and data presented in various technical publications and is presented without guaranty. American Monitor Corporation makes no representation as to the accuracy of the information contained in this MSDS. While the information is believed to be correct, the user should perform his own investigation and independent verification. It is also the user's responsibility to determine the suitability of this information for the adoption of necessary safety precautions. We reserve the right to revise Material Safety Data Sheets periodically as new information becomes available.

AMERICAN MONITOR CORPORATION  
P. O. Box 68505  
Indianapolis, IN 46268  
(317) 872-0300