

State of the Art Ingredients • Fast Friendly Service

## Caffeine Anhydrous

### SECTION 1 :: PRODUCT IDENTIFICATION

**Product Name:** Caffeine Anhydrous USP

**CAS#:** 58-08-2

**RTECS:** Not available.

**CI#:** Not applicable.

**Chemical Name:** Caffeine

**CHEMTREC (24HR Emergency Telephone), call:** 1-800-424-9300

**International CHEMTREC, call:** 1-703-527-3887

**For non-emergency assistance, call:** 1-281-441-4400

### SECTION 2 :: PHYSICAL DATA

Appearance	White to Off White Powder
Odour	Characteristic
pH	5.5 – 6.5 at 10g/L at 20C
Boiling point	N/A
Melting point (F)	234 - 239
Flashpoint	N/A
Specific Gravity	N/A
Solubility in water	Dispersible, Soluble in Boiling Water

### SECTION 3 :: HAZARDS IDENTIFICATION

Hazard Summary (As defined by OSHA Hazard Communication Standard, 29 CFR 1910.1200):

Acute Toxicity, Oral (Category 4), H302

GHS Label Elements, including precautionary statement

Hazard Pictogram:



HS07

Signal Word: Warning



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Hazard Statement:

H302

Harmful if Swallowed

Precautionary statements:

P264

Wash hands thoroughly after handling.

P270

Do not eat, drink or smoke when using this product.

P301+P312

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P330

Rinse mouth

P501

Dispose of contents/container

Hazards not otherwise classified (HNOC) or not covered by GHS-none

### SECTION 4 :: Fire Fighting Measures

Extinguishing Media

Water spray, alcohol-resistant foam, Carbon dioxide, Dry powder

Surrounding Fires

Use water spray or fog to cool exposed containers

Protective Equipment

Use equipment suitable for ordinary combustible material, including respiratory protection

Special hazards arising from the substance or mixture

No data available

### SECTION 5 :: Reactivity Data

Conditions to avoid

Stable under normal conditions

avoid heat, light

Materials to avoid

Strong oxidizing agents.

Hazardous decomposition products

Carbon monoxide. Carbon dioxide. Nitrogen oxides.

When heated to decomposition, emits dangerous fumes.

Hazardous Polymerization

Will not occur

11110 Metric Blvd., ste D· Austin TX 78758

(512) 535::2711 ·(512) 535::7362 fax

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### SECTION 6 :: Health Hazard Assessment

Acute toxicity N/A  
Skin contact Prolonged or repeated contact with skin causes irritation.  
Eye contact Contact with eyes causes irritation, which may become severe.

Inhalation  
Ingestion

#### FIRST AID PROCEDURES:

Skin Contact Remove affected clothing. Wash material off all exposed skin areas with copious amounts of soap and water and follow with warm water. Seek medical attention.  
Ingestion Rinse mouth with water only if conscious. Seek medical attention.  
Eye Contact Immediately flush eyes with copious amounts of water for 15 min. Seek medical attention.  
Inhalation Remove victim to fresh air. Seek medical attention.

**In case of reactions described in hazards identification or other severe, immediate or persisting, symptoms seek medical advice and call the nearest poison centre. Show the label and this safety data sheet.**

### SECTION 7 :: Spill or Leak Procedures

General precautions Remove ignition sources. Evacuate area.  
Personal precautions Use gloves, adequate eye and respiratory protection. Should be handled by trained cleaning personnel.  
Environmental precautions Organic component of the product is biodegradable.  
Methods for cleaning spill Clean spills promptly. To clean the floor and all objects contaminated by this material, use: sodium hypochlorite solution. Ensure adequate ventilation.

### SECTION 8 :: Special Protection Information

Engineering measures Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.  
Personal protection equipment  
Respiratory protection: Wear approved mask. In case of insufficient ventilation, wear suitable respiratory equipment.  
- Hand protection: Wear suitable gloves resistant to chemical penetration.  
- Skin protection: Wear suitable protective clothing.  
- Eye protection: Chemical goggles or safety glasses.  
Control of environmental exposure Do not let product enter drains.

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Hygiene measures Use good personal hygiene, washing exposed areas of skin several times daily and laundering contaminated clothing before re-use. Wash hands before breaks and at the end of workday. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

### SECTION 9 :: Special Precautions or Other Comments

Handling Avoid container damage.  
Storage Keep container tightly sealed, under normal temperature, and in a well ventilated area.  
Store Away From All heat sources, including direct sunlight. Open flame. Sources of ignition. Sparks. Incompatible materials, see section 5.  
Disposal Do not let product enter drains.

Contact a licensed professional waste disposal service to dispose of this material.  
Dispose of as unused product, in accordance with local, state, and federal regulations.  
General: Dispose of this material and its container at special waste collection point. Dispose in a safe manner.

### SECTION 10 :: OTHER INFORMATION

#### DISCLAIMER

Technical information and / or suggestions for use including any formulations and / or procedures are believed to be correct. However this does not constitute a guarantee of the accuracy of the information or suggestions contained herein and confirming tests in your own laboratory and / or facility are recommended.

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