



Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Creatine Monohydrate

30-2571

Section 1: Identification

Product Name Creatine Monohydrate
Commercial Name Not available.
Product Use Not available.
Restrictions On Use Not available.

Product Code 30-2571

Company PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: Not a hazardous substance or preparation according to EC-directives 67/548/EEC or 1999/45/EC.
CFR 1910.1200

Signal Word NON-HAZARDOUS

Hazard Statement(s) Not available.

Pictogram(s) or Symbol(s)

Precautionary Statement(s):

Prevention Not available.
Response Not available.
Storage Not available.
Disposal Not available.

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components Creatine Monohydrate
% By Weight 100
CAS# 6020-87-7
Molecular Weight 149.16 g/mole
Chemical Formula C₄H₉N₃O₂.H₂O
Synonym(s) N-(Aminoiminomethyl)-N-methylglycine

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Creatine Monohydrate	6020-87-7	100	Not available.	Not available.

Section 4: First-Aid Measures

Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Skin Contact	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
Eye Contact	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.
Ingestion	Immediately flush nonnasality with plenty of water to conscious person. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie belt or waistband. Get medical attention if symptoms appear.
Symptoms/Effects	
Acute	Not available.
Delayed	Not available.
Immediate Medical Attention	Not available.

Section 5: Fire-Fighting Measures**Suitable Extinguishing Media**

water spray and/or dry chemical carbon dioxide foam.

Unsuitable Extinguishing Media

Extinguishing media which must not be used for safety reasons High volume water jet.

Products of Combustion

carbon oxides(CO,CO₂), nitrogen oxides(NO, NO₂)

Firefighters Special Equipment and Precautions

Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear. Be sure to use an approved/certified respirator or equivalent.

Section 6: Accidental Release Measures

Use proper personal protective equipment as indicated in Section 8. Ensure adequate ventilation. Small Spill and Leak: Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up, then place into a suitable container for disposal. Avoid generating dusty conditions.

Section 7: Handling and Storage

Handling: Follow good industrial hygiene and safety practices. Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Not available.
Engineering Controls	Use adequate exhaust ventilation. No substance-specific limiting value being known.
Personal Protection	Hygiene Measures: Wash hands after handling compounds and before eating, smoking using lavatory, and at the end of day. Respiratory: Wear a dust protection mask in accordance with EN 1-49 FFP2. Skin and body: Lab coat Eyes: Safety glasses Hand: Nitrile rubber gloves.

Section 9: Physical and Chemical Properties

Appearance	White powder. Solid.		
Odor	Odorless		
Odor Threshold	Not available.		
Melting Point	-290 oc decomposition	pH	7 .4 (L4 g/L) (20 oC, saturated s
Freezing Point	Not available.	Vapor Pressure	Not applicable.
Boiling Point/Range	Not available.	Vapor Density	Not available.
Decomposition temperature	Not available.	Viscosity	Not available.
Partition Coefficient: n-octanol/water	log P <-2 (20 oC)	Evaporation Rate	Not available.
Flash Point	Not available.	Autoignition temperature	Not available.
Flammability	Not available.	Flammability or Explosive Limits:	
		Lower	Not available.
		Upper	Not available.
Solubility(ies)	L4 g/L (20 oC)		
Other	Burning number: BZ I - does not ignite Molecu1ar Formula: C4Helitr3OH22. O Mo1ecular Weight: 149.1		

Section 10: Stability and Reactivity

Reactivity	Not available.
Chemical Stability	Stable under normal temperatures and pressures.
Hazardous Polymerization	No decomposition if stored and applied as directed.
Conditions to Avoid	>250 oC
Incompatible Materials	Strong acids and strong bases, strong oxidizing agents.
Hazardous Decomposition Products	Nitrogen oxides, carbon monoxide, irritating and toxic frimes, and gases, carbon dioxide

Section 11: Toxicological Information

RTECS	Not available.
Acute Toxicity	
LD50 Rat >2000 mg/kg	
Skin Corrosion/Irritation	
Not available.	
Serious Eye Damage/Irritation	
Not available.	
Respiratory or Skin Sensitization	
Not available.	
Germ Cell Mutagenicity	
Not available.	
Carcinogenicity	
Not available.	
Reproductive Toxicity	
Not available.	
Routes of Entry	
Not available.	
Symptoms Related to Exposure	
Not available.	

Potential Health Effects

Not available.

Target Organ(s)

Not available.

Section 12: Ecological Information**Ecotoxicity**

Prevent uncontrolled release in the environment.

Persistence and Degradability

Readily biodegradable

Bioaccumulative Potential

Not available.

Mobility in Soil

Not available.

Other Adverse Effects

Not available.

Section 13: Disposal Considerations**Waste Disposal**

Dispose of in a manner consistent with federal, state, and local regulations.

Disposal of Container

Not available.

Other Considerations

Not available.

Section 14: Transport Information**DOT Classification**

DOT Not a DOT controlled material (United States). This material is not classified dangerous good according to international transportation regulations (ADR/RID-IMDG-ICAO/IATA).

Section 15: Regulatory Information**Regulations**

OSHA: None listed. Toxic Substances Control Act (TSCA): None listed. Clean Air Act Section (112): None listed. CERCLA Reportable Quantities: None listed. SARA Title III Section 311/312 Hazard Categories: No SARA hazards. SARjA Title III Section 313 Reportable Substances: None listed. California Proposition 65 None listed.

Other

WHMIS Not controlled under WHMIS (Canada). (Canada);DSCL (EEC) R36/37/38- Irritating to eyes, respiratory system and skin.;Gloves.;Lab coat.;Dust respirator. Be sure to use an approved/certified respirator or equivalent.;Splash goggles.

Section 16: Other Information

Warranty: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Maypro Industries, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.