



State of the Art Ingredients • Fast Friendly Service

Creatine

SECTION 1 :: PRODUCT IDENTIFICATION

Product Name: Creatine

INCI Name: Creatine

Ingredient(s)	CAS Number	% (by weight)
CREATINE MONOHYDRATE	6020-87-7	>98%

SECTION 2 :: HAZARDS IDENTIFICATION

Potential Health Effects

Eye: Dust can cause eye irritation. Symptoms include stinging, tearing, redness, and swelling of eyes.

Skin: May cause skin irritation. Symptoms may include redness, burning, and swelling of skin.

Swallowing: May cause digestive tract disturbances. The toxicological properties of this substance have not been fully investigated.

Inhalation: May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated. Aspiration may cause respiratory swelling and pneumonitis.

Symptoms of Exposure: Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: mouth and throat irritation (soreness, dry or scratchy feeling, cough), stomach or intestinal upset (nausea, vomiting, diarrhea).

Target Organ Effects: No data

Developmental Information: There are no data available for assessing risk to the fetus from maternal exposure to this material.

Cancer Information: No data

Primary Route(s) of Entry: Inhalation, Ingestion, Skin contact, Eye contact

SECTION 3 :: FIRST AID MEASURES

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. If irritation develops, get medical aid.

Skin: Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists. Wash clothing before reuse.

Ingestion: Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Allow the victim to rinse his mouth and then to drink 2-4 cupfuls of water, and seek medical advice. Get medical aid if irritation or symptoms occur.



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Inhalation: Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.

Notes to Physician: Treat symptomatically and supportively.

SECTION 4 :: FIRE FIGHTING MEASURES

Flash Point: 290 deg C (554.00 deg F)

Explosive Limit: Not applicable

Autoignition Temperature: No data

Extinguishing Media: In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

SECTION 5 :: ACCIDENTAL RELEASE MEASURES

Small Spill: Sweep up material for disposal or recovery.

Large Spill: Shovel material into containers. Thoroughly sweep area of spill to clean up any residual

SECTION 6 :: HANDLING AND STORAGE

Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.

Storage: Store in a cool, dry place. Keep container closed when not in use.

SECTION 7 :: EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection: Wear safety glasses in compliance with OSHA regulations.

Skin Protection: Wear resistant gloves such as: latex.

Respiratory Protections: 3M Dust respirator No. 8710 or 9900 is recommended or a NIOSH/MSHA jointly approved dust respirator.

Engineering Controls: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below level of overexposure (from known, suspected or apparent adverse effects).

Exposure Guidelines

Component: CREATINE MONOHYDRATE No exposure limits established



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SECTION 8 :: PHYSICAL AND CHEMICAL PROPERTIES

Engineering Controls: Use in a well ventilated area.

Boiling Point: No data
Vapor Pressure: No data
Specific Vapor Density: No data
Specific Gravity: No data
Liquid Density: No data
Percent Volatiles: No data
Evaporation Rate: Not applicable
Appearance: White Crystalline solid
State: Solid
Physical Form: Crystalline solid
Color: White
Ph: No data
Solubility In Water: Moderate

SECTION 9 :: STABILITY AND REACTIVITY

Hazardous Polymerization: Product will not undergo hazardous polymerization.
Hazardous Decomposition: Ammonia, oxides of nitrogen, carbon monoxide, carbon dioxide.
Chemical Stability: Stable under ordinary conditions of use and storage.
Incompatibility: Strong oxidizing agents

SECTION 10 :: TOXICOLOGICAL INFORMATION

No data

SECTION 11 :: ECOLOGICAL INFORMATION

No data

SECTION 12 :: ECOLOGICAL INFORMATION

Ecotoxicological Information: No data at this time
Chemical Fate Information: No data at this time.

SECTION 13 :: DISPOSAL CONSIDERATION

Waste Management Information
Deposit in a landfill in accordance with local, state and federal regulations.



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SECTION 16 :: OTHER INFORMATION

Disclaimer

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