

MATERIAL SAFETY DATA SHEET

SECTION I

Product Name: Potassium hydroxide, Creatine solution
Size: 500ml
Chemical name: none
Formula: Potassium hydroxide, 40%...100.0ml
Creatine.....62.5mg
Manufacturer: Carolina Biological Supply Company
Address: 2700 York Road
Burlington, NC 27215
For Information on Health Hazards Call: 919 584-0381
For Other Information Call: 919 584-0381
Date: 12/2/85

SECTION II HAZARDOUS INGREDIENTS OF MIXTURES

Principal Hazardous Components (%): Potassium hydroxide 40.0%
TLV (Units): Potassium hydroxide TXDS orl-rat LD50: 365mg/Kg

SECTION III PHYSICAL DATA

Boiling Point (F.): no information available
Vapor Pressure (mm Hg.): no information available
Vapor Density (Air=1): no information available
Specific Gravity (H2O=1): no information available
Percent Volatile By Volume (%): no information available
Evaporation Rate (=1): no information available
Solubility in Water: no information available
Appearance and Odor: Clear liquid with no odor.

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): nonflammable
Extinguisher Media: Any media suitable for extinguishing supporting fire.
Flammable Limits in Air % by Vol.: none
Autoignition Temperature: none
Special Fire Fighting Procedures: no information available
Unusual Fire and Explosion Hazards: no information available

SECTION VI HEALTH HAZARD DATA

Threshold Limit Value: See Section II
Effects of Over exposure: Causes burns and irritation on contact to skin and eyes.
Acute Overexposure: May be fatal if swallowed. Poison.
Chronic Overexposure: no information available
Emergency and First Aid Procedures: In all cases of overexposure, get medical attention.
Inhalation: Remove to fresh air. Give artificial respiration as required.
Eyes: Flush thoroughly with water for at least 15 minutes. Consult a physician.

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Skin: Wash thoroughly with soap and water. Consult a physician.
Ingestion: Get medical attention immediately. Give water with large amount of diluted vinegar, lemon or orange juice. Follow with milk or whites of eggs beaten with water.

SECTION VI REACTIVITY DATA

Stability:

stable

Conditions to Avoid: no information available

Incompatibility (Materials to Avoid): acids

Hazardous Decomposition Products: no information available

Hazardous Polymerization:

will not occur

Conditions to Avoid: no information available

SECTION VII SPILL OR LEAK PROCEDURES

Steps to Be Taken In Case Material is Released or Spilled: Cover the spill with vermiculite or another absorbent. Neutralize the spill with citric acid. When neutralized, scoop the material into plastic bags for proper disposal according to local environmental regulations.
Waste Disposal Method: no information available

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type): Air supplied mask in confines areas.

Ventilation:

Local Exhaust:

Mechanical (general): X

Special:

Other:

Protective Gloves: Rubber

Eye Protection: Splash-proof goggles, do not wear contact lenses.

Other Protective Clothing or Equipment: Lab coat/apron, eye wash, safety shower

SECTION IX SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling And Storing: Keep in a tightly closed container when not in use. Store with other corrosives away from acids.

Other Precautions: no information available

Date Issued: 12/4/85

Revised:

Approved by: Mary Ann Lust