

**PRODUCT NAME: FECA MED**

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This Material Safety Data Sheet is being provided to your company, for the purpose of providing current health and safety information to your management and employees who work with this product. Please read the data provided and then provide it to those people at your company who have the responsibility to insure compliance with both FEDERAL and STATE Right to Know regulations, and to those employees that request information on this product.

**Federal Regulations:** Parts 29 and 42 Code of Federal Regulations.**State of Illinois:** Public Act 83-240**SECTION 1 - PRODUCT IDENTIFICATION****Manufacturer:** First Priority, Inc.  
1585 Todd Farm Drive  
Elgin, IL 60123**Telephone Number:** 800-650-4899  
**Emergency Number:** Chemtrec  
800-424-9300**Chemical Family:** Nitrate, mixture**Formula:** NaNO<sub>3</sub>+H<sub>2</sub>O**Hazard Classification:****HMIS Rating System:** Health-0/Flammability-0/Reactivity-1**SECTION 2 - HAZARDOUS COMPONENTS**

Ingredient	CAS#	PEL/TLV	Percent
Sodium Nitrate	7631-99-4	N/E	55.4
Water	7732-18-5	NA	44.6

The hazard communication standard requires that such mixtures be assumed to present the same health hazard as do components that constitute as least 1% of the mixture (0.1% for carcinogens) although OSHA has noted that the hazards of individual components may be altered by including them in a mixture. Some of the ingredients of this mixture are a trade secret. NE = not established.

**SECTION 3 - PHYSICAL DATA**

<b>Boiling Point:</b>	NE	<b>Specific Gravity:</b>	1.275
<b>Solubility in Water:</b>	Very soluble	<b>Appearance &amp; Odor:</b>	Clear odorless solution
<b>Bulk Density:</b>	NA		

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**SECTION 4 - FIRE & EXPLOSION DATA**

**Flash Point (Method):** N/A  
**Estimated Flammable Limits in Air:** N/A  
**Extinguishing Media:** Use water fog extinguishing method. Use flooding amounts of water in early stages of fire.  
**Special Fire Fighting Procedures:** Firefighters should be equipped with self-contained breathing apparatus and turn out gear.  
**Unusual Fire & Explosion Hazards:** None

**SECTION 5 - HEALTH HAZARD DATA****Effects Of Overexposure**

**Eyes:** Causes eye irritation.  
**Skin:** Causes skin irritation.  
**Inhalation:** Causes irritation to mucous membranes.  
**Ingestion:** Ingestion of large amounts may cause methemoglobin formation, headaches, nausea, vomiting and abdominal distress.

**Emergency First Aid Procedures:**

**Eye Contact:** Immediately flush with plenty of water for 15 minutes. If irritation develops, call a physician immediately.  
**Skin Contact:** Wash affected areas with soap and water. Remove and launder contaminated clothing before reuse. If irritation develops, call a physician.  
**Inhalation:** Move to fresh air. Aid in breathing, if necessary, and get immediate medical attention.  
**Ingestion:** If swallowed, dilute with water and immediately induce vomiting. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get immediate medical attention.

**SECTION 6 - REACTIVITY DATA**

**Stability:** Stable  
**Conditions to avoid:** Solutions are oxidized by air. Heat and acids will cause release of Nox.  
**Incompatibility:** Reducing materials, cyanides, organic matter, sulfites and meta-bisulfites.  
**Hazardous Decomposition Byproducts:** NOx.  
**Hazardous Polymerization:** Will not occur.

**SECTION 7 - SPILL OR LEAK PROCEDURES****Steps To Be Taken In Case Of Large Amount Of Material Is Released Or Spilled:**

Spills should be contained, solidified and placed in suitable containers for disposal in a RCRA license facility. This material is RCRA hazardous due to its properties.

**Waste Disposal Method:**

Incinerate or bury in a RCRA licensed facility. Do not discharge into waterways or sewer systems without proper authority. Empty containers with less than 1 inch of residue may be landfilled at a licensed facility. Recommend crushing or other means to prevent unauthorized reuse. Other containers must be disposed of in a RCRA licensed facility.

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**SECTION 8 - SPECIAL PROTECTION**

**Respiratory Protection:** If dusts are generated, wear an approved dust respirator.  
**Ventilation:** Use local exhaust to control dusts.  
**Protective Gloves:** Wear gloves to prevent contact.  
**Eye Protection:** Chemical goggles.  
**Other Protective Equipment:** Wear coveralls, apron and boots to prevent contact. Eyewash fountains and safety showers must be easily accessible.

**SECTION 9 - SPECIAL PRECAUTIONS OR COMMENTS**

**Special precautions to be taken**

**in handling & storing:** Keep containers closed tightly.  
**Other precautions:** Wash/shower after handling. Remove contaminated clothing and wash before reuse.

**Initial Date:** August, 1996

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