

# MATERIAL SAFETY DATA SHEET

Spring Valley  
1891 Spring Valley Road  
Jackson, WI 53037  
262-677-2273

Approval Date: January 18, 2010  
Supersedes: None

**I. PRODUCT NAME:**            **18-0-4 All Mineral**            **Item #: 2078625**

## **II. HAZARDOUS INGREDIENTS**

<b><u>Ingredient Name</u></b>	<b><u>Content</u></b>	<b><u>CAS Number</u></b>	<b><u>Exposure Limits</u></b>
Muriate of Potash	Varies	7447-40-7	10 mg/m <sup>3</sup> as dust
Urea	Varies	57-13-6	10 mg/m <sup>3</sup> as dust
NutriLife	Varies	Mixture	10 mg/m <sup>3</sup> as dust
BIODAC (Cellulose Complex)	Varies	Mixture	10 mg/m <sup>3</sup> as dust
Dolomite Granules	Varies	Mixture	10 mg/m <sup>3</sup> as dust

## **III. PHYSICAL PROPERTIES**

Physical Form: ..... Granular  
Color:..... Varies  
Odor:..... Slightly earthy  
pH:..... Neutral  
Solubility in Water:..... Partial  
Specific Gravity:..... 0.8 - 1.2  
Bulk Density:..... 50 - 78 lbs / cu. ft.  
Vapor Pressure:..... Not applicable.

## **IV. FIRE AND EXPLOSION DATA**

Flash Point:..... Not applicable.  
Flammable Limits:  
  UEL..... Not applicable.  
  LEL..... Not applicable.  
Extinguishing Media: .  
Special Fire Fighting Procedures: Protect eyes and skin from contact with smoke. Wear self contained breathing apparatus when fighting fires. Keep all nonessential personnel upwind from smoke. Contain runoff waters and consult with your local environmental agencies before disposal.

## **V. HUMAN HEALTH DATA**

Routes of entry:  
  Skin and eye.  
Human effects and symptoms of exposure:  
  May irritate open sores and wounds. May cause temporary eye irritation.  
Acute effects of exposure:  
  None known.  
Chronic effects of exposure:  
  None known.  
Carcinogenicity:  
  No carcinogenic components known.

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**VI. EMERGENCY AND FIRST AID PROCEDURES**

Contact your local Poison Control Center in case of accidental contact which causes or is expected to cause an adverse medical reaction.

- First aid for eyes:..... Flush eyes with plenty of water for 15 minutes. Contact physician if irritation persists.
- First aid for skin:..... Wash with soap and water. Contact physician if irritation persists.
- First aid for inhalation: Remove to fresh air.
- First aid for ingestion: Drink plenty of water.

**VII. EMPLOYEE PROTECTION RECOMMENDATIONS**

- Eye protection:..... If granules may come in contact with eyes, wear eye protection.
- Skin protection:..... Cover open sores.
- Respiratory protection: ..... None required.
- Ventilation requirements:..... Use outdoors only.
- Additional protective measures: None required.

**VIII. REACTIVITY DATA**

- Stability:..... Stable
- Hazardous polymerization:..... Does not occur.
- Incompatabilities:..... None known.
- Instability conditions:..... None known.
- Decomposition products;..... Not established.

**IX. SPILL AND LEAK PROCEDURES:**

- Cleanup procedures:..... Sweep spill, repackage in labeled container and reuse.
- Waste disposal method:..... Reuse product if possible. May be placed in household waste.

**X. SPECIAL PRECAUTIONS AND STORAGE DATA**

- Technical shipping name:..... Not regulated.
- Proper shipping name:..... Not regulated.
- Hazard Class or Division:..... Not regulated.

**XI. OTHER REGULATORY INFORMATION**

- NFPA Ratings:
 

Health	1
Flammability	1
Reactivity	0
Other	0
- 0 = insignificant    1 = Slight    2 = Moderate    3 = High    4 = Extreme

**XII. FEDERAL REGULATORY INFORMATION**

- OSHA Status:..... Components listed.
- TSCA Status:..... This product is exempt from TSCA Regulation.
- CERCLA Reportable Quantity:..... No components listed.
- SARA Title III
  - Section 302:..... No components listed.
  - Section 311/312:..... No components listed.
  - Section 313:..... No components listed.
- RCRA Status:..... Not considered a hazardous waste under RCRA.

### **XIII. TRANSPORTATION**

Not regulated, see Section XI of the MSDS Data for Other Regulatory Information.

### **XIV. DISCLAIMER**

Information contained in this Material Safety Data Sheet is accurate as of the date written. No implications are intended beyond information presented in this document.