

14-14-14 + Iron

Item No. 2014500

**MATERIAL SAFETY DATA SHEET**

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

Approval Date: Oct. 24, 1997  
Supersedes: None  
By: Michael J. Archer

**I. PRODUCT NAME:**                    14-14-14 + Iron                    Item No. 2014500

**II. HAZARDOUS INGREDIENTS**

<u>Ingredient Name</u>	<u>Content</u>	<u>CAS Number</u>	<u>Exposure Limits</u>
Bio-solids	Varies	Mixture	10 mg/m3 as dust
Ammoniated Phosphate	Varies	7722-76-1	10 mg/m3 as dust
Urea	Varies	57-13-6	10 mg/m3 as dust
Sulfate of Potash	Varies	7778-80-5	10 mg/m3 as dust

**III. PHYSICAL PROPERTIES**

Physical Form: ..... Granular  
Color:..... Varies  
Odor:..... Slight, earthy  
pH:..... Neutral  
Solubility in Water:..... Portions 100%, portions none  
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.

## **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.  
Incompatibilities:..... 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.

## **XII. OTHER REGULATORY INFORMATION**

NFPA Ratings:	Health	1
	Flammability	1
	Reactivity	0
	Other	0

0 = insignificant    1 = Slight    2 = Moderate    3 = High    4 = Extreme

## **XIII. 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.

## **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.