

**21-0-22 w/ 100% Nutralene®      Item No. 2034500**  
**MATERIAL SAFETY DATA SHEET**

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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:**                      21-0-22 w/ 100% Nutralene®                      Item No. 2034500

**II. HAZARDOUS INGREDIENTS**

<u>Ingredient Name</u>	<u>Content</u>	<u>CAS Number</u>	<u>Exposure Limits</u>
Sulfate of potash	Varies	7778-80-5	10 mg/m <sup>3</sup> as dust
Nutralene	Varies	9011-05-6	10 mg/m <sup>3</sup> 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.

**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. 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.