

## Safety Data Sheet

### 1 IDENTIFICATION

Product Name:

**Surround® WP**

EPA Reg. No.:  
Chemical Family:

Crop Protectant  
61842-18  
Inorganic solid silicate

Manufacturer/Supplier:

Tessenderlo Kerley Inc.  
2255 N. 44<sup>th</sup> Street, Suite 300  
Phoenix, Arizona 85008-3279  
Information:(602) 889-8300

For 24-Hour Emergency Assistance (Spill, Leak,  
Fire, or Exposure), Call CHEMTREC®:

(800) 424-9300 (CHEMTREC)  
(866) 374-1975 (Tessenderlo Kerley)

### 2 HAZARD(S) IDENTIFICATION

*Classification of the substance or mixture*

*The substance is not classified according to the Globally Harmonized System (GHS).*

*Label elements*

**GHS label elements:** Non-Regulated Material

**Hazard pictograms:** Non-Regulated Material

**Signal word:** Non-Regulated Material

**Hazard statements:** Non-Regulated Material

NFPA Hazard Ratings



Health = 1  
Fire = 0  
Reactivity = 0

HMIS Ratings



Health = 1  
Fire = 0  
Reactivity = 0

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization: **Mixture**

Description: Mixture of the substance(s) listed below with nonhazardous additions.

Active Ingredient:	Component	CAS No.	% by Weight
	Kaolin	1322-58-7	95

### 4 FIRST AID MEASURES

*Description of first aid measures*

**General information:**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For medical emergencies involving this product, call toll free 1-866-374-1975. See Label for Additional Precautions and Directions for Use.

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

## 5 FIRE FIGHTING MEASURES

### **Extinguishing media**

#### **Suitable extinguishing agents:**

Use firefighting measures that suit the environment.

#### **Special hazards arising from the substance or mixture**

No relevant information available.

### **Advice for firefighters**

#### **Protective equipment:**

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face piece operated in positive pressure mode.

## 6 ACCIDENTAL RELEASE MEASURES

### **Personal precautions, protective equipment and emergency procedures**

Not required.

### **Environmental precautions:**

DO NOT apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. DO NOT contaminate water when disposing of equipment wash water or rinsate.

### **Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

## 7 HANDLING and STORAGE

### **Precautions for safe handling**

Personnel must refer to the Product Label and Directions For Use attached to the product for agricultural use requirements in accordance with the EPA Worker Protection Standard.

Ensure good ventilation/exhaustion at the workplace.

Avoid contact with skin, eyes and clothing

### **Information about protection against explosions and fires:**

Keep protective respiratory device available.

### **Conditions for safe storage, including any incompatibilities**

Store in a dry, sheltered location (away from food or feed). Product is slippery when wet. In case of spill or leak, avoid breathing dust, clean up and dispose of wastes in compliance with applicable Federal, State, and local regulations.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### **Control parameters**

#### **Components with occupational exposure limits:**

<b>Kaolin</b>	
<b>PEL</b>	Long-term value: 15* 5** mg/m <sup>3</sup> *total dust **respirable fraction
<b>REL</b>	Long-term value: 10* 5** mg/m <sup>3</sup> *total dust **respirable fraction
<b>TLV</b>	Long-term value: 2* mg/m <sup>3</sup> E; as respirable fraction

#### **Additional information:**

The lists that were valid during the creation were used as basis.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION *(continued)*

### **Exposure controls**

#### **Personal protective equipment:**

#### **General protective and hygienic measures:**

Use adequate exhaust ventilation to prevent inhalation of product vapors.

#### **Breathing equipment:**

Not required.

NIOSH/MSHA or EN approved respiratory protection is recommended for use in airborne concentrations exceeding exposure limits.

#### **Protection of hands:**



Protective gloves

#### **Material of gloves**

Not required.

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer

#### **Penetration time of glove material**

Not applicable

#### **Eye protection:**

Tightly sealed goggles

Face protection

#### **Body protection:**

Protective work clothing

## 9 PHYSICAL and CHEMICAL PROPERTIES

<b>Appearance</b>	White powder
<b>Odor</b>	odorless
<b>Odor Threshold</b>	N/A
<b>pH</b>	N/A
<b>Melting/Freezing Point</b>	Not determined
<b>Flammability (Solid/Gas)</b>	N/A
<b>Upper/Lower Flammability or Explosive Limits</b>	N/A
<b>Vapor Density</b>	N/A
<b>Bulk Density</b>	288.3 kg/m <sup>3</sup> (17.998 lb/ft <sup>3</sup> )
<b>Solubility (in Water)</b>	Insoluble
<b>Partition Coefficient: n-octanol/water</b>	N/A
<b>Auto-ignition temperature</b>	N/A
<b>Decomposition temperature</b>	N/A

## 10 STABILITY and REACTIVITY

<b>Chemical stability</b>	This is a stable material under normal temperature and storage conditions.
<b>Hazardous polymerization</b>	Will not occur
<b>Conditions to avoid</b>	Avoid all sources of ignition, heat or open flame. Avoid prolonged exposure to excessive temperatures. Avoid contact with oxidizing agents, acids or alkalis.
<b>Hazardous decomposition products</b>	No dangerous decomposition products known



## 14 TRANSPORT INFORMATION

<b>UN Number:</b>	DOT, ADR, IMDG, IATA	Not regulated
<b>UN Proper shipping name:</b>	DOT, ADR, IMDG, IATA	Not regulated
<b>Transport hazard class(es)/Label(s):</b>	DOT, ADR, IMDG, IATA	Not regulated
<b>Packing group:</b>	DOT, ADR, IMDG, IATA	Not regulated
<b>Marine pollutant:</b>		No
<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:</b>		Not applicable
<b>Transport/Additional information:</b>		Not applicable

## 15 REGULATORY INFORMATION

**FIFRA:** Yes                      **Product Name:** Surround® WP                      **EPA Reg. No.** 61842-18

It is a violation of Federal law to use this product in any manner inconsistent with its labeling. This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

### CAUTION

Causes moderate eye irritation.  
Avoid contact with eyes or clothing.  
Wash thoroughly with soap and water after handling.  
Remove contaminated clothing and wash clothing before reuse

### **Safety, health and environmental regulations/legislation specific for the substance or mixture**

Section 355 (extremely hazardous substances): None of the ingredients is listed.  
Section 313 (Toxic Release Reporting-Form R): None of the ingredients is listed.

**TSCA (Toxic Substances Control Act):** Listed

**Proposition 65:** Not Listed.

### **CERCLA/SUPERFUND:**

RQ (Reportable Quantity)                      Not applicable

### **RCRA Classification**

Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste.

## 16 OTHER INFORMATION

Issue Date: October 28, 2015

**REVISIONS:** SDS was reformatted in compliance with HCS 29 CFR 1910.1200 Rev. 2012, GHS Rev 05, and ANSI Z400.1. Section 3: corrected CAS No. for kaolin; Section 15: removed PROP 65 statement (not listed).

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