

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. 44th 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, calcined	92704-41-1	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:

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

Additional information:

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

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

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

10 STABILITY and REACTIVITY

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

11 TOXICOLOGICAL INFORMATION

Acute toxicity:

LD/LC₅₀ values relevant for classification:

Oral	Rat LD ₅₀	>5,000 mg/kg (kaolin)
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Primary irritant effect:

on the skin

Mild irritant effect

on the eye

Mild irritant effect

Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for preparations. When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

Carcinogenic categories

IARC (International Agency for Research on Cancer) None of the ingredients is listed.

NTP (National Toxicology Program) None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration) None of the ingredients is listed.

12 ECOLOGICAL INFORMATION

To avoid impact on threatened or endangered aquatic plant or animal species, users must consult with state fish and game agency or U.S. Fire & Wildlife Service before making applications. Do not contaminate water when disposing of equipment wash waters.

Aquatic toxicity:	No further relevant information available.
Persistence and degradability	No further relevant information available.
Bioaccumulative potential	No further relevant information available.
Mobility in soil	No further relevant information available.
Additional ecological information:	
General notes:	Water hazard class 1 (Self-assessment): slightly hazardous for water
Results of PBT and vPvB assessment	
PBT:	Not applicable.
vPvB:	Not applicable.
Other adverse effects	No further relevant information available.

13 DISPOSAL CONSIDERATIONS

PESTICIDE DISPOSAL: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Completely empty bag into application equipment. Dispose of empty bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

14 TRANSPORT INFORMATION

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

This product contains a chemical known to the state of California to cause cancer.

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: April 30, 2015

REVISIONS: SDS was reformatted in compliance with HCS 29 CFR 1910.1200 Rev. 2012 and GHS Rev 05, and ANSI Z400.1.

The information and recommendations contained herein are provided in good faith and are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information herein.

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