

Safety Data Sheet

1 IDENTIFICATION

Product Name: ***Surround WP Crop Protectant***

Chemical Family: Inorganic solid silicate
Recommended Use: Agricultural Herbicide

Manufacturer/Supplier: Tessenderlo Kerley Inc.
 2255 N. 44th Street, Suite 300
 Phoenix, Arizona 85008-3279
 Information: 1+602 889 8300

For 24-Hour Emergency Assistance (Spill, Leak, Fire, or Exposure), Call CHEMTREC®: 1+703 527 3887 (CHEMTREC)
For Medical Emergencies Only: 1+866 374 1975 (Tessenderlo Kerley)

2 HAZARD(S) IDENTIFICATION

Classification of the substance or mixture
Classification is not required according to the Globally Harmonized System (GHS).

GHS label elements
Hazard pictograms: Not required
Signal word: Not Applicable
Hazard statements: Not required

3 COMPOSITION/INFORMATION ON INGREDIENTS

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

	Component	CAS No.	% by Weight
Active Ingredient:	Kaolin	1332-58-7	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

Wear protective clothing as specified in Section 8.

Environmental precautions:

Kaolin is not hazardous to the environment.

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

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.

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. Do not breathe mists or vapors.

Protection of hands:



Protective gloves

Material of gloves

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.

Eye protection:

Use of goggles recommended

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 LD₅₀ >5,000 mg/kg (kaolin)

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.

12 ECOLOGICAL INFORMATION

To avoid impact on threatened or endangered aquatic plant or animal species, users must consult with state fish and game agency 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

GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS). The product is subject to be labeled according with the prevailing version of the regulations on hazardous substances.

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 OTHER INFORMATION

Issue Date: February 22, 2017

REVISIONS: Section 3 – corrected CAS no.

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