

SURROUND® WP CROP PROTECTANT

DOCUMENT M-CP, Section 4

**FURTHER INFORMATION ON THE PLANT
PROTECTION PRODUCT**

Version history¹

Date	Data points containing amendments or additions and brief description	Document identifier and version number
February 2018	Initial version	M-CP S4
September 2019	Changes highlighted in yellow	M-CP S4 V2

¹ It is suggested that applicants adopt a similar approach to showing revisions and version history as outlined in SANCO/10180/2013 Chapter 4 How to revise an Assessment Report

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CP 4 FURTHER INFORMATION ON THE PLANT PROTECTION PRODUCT

CP 4.1 Safety Intervals and Other Precautions to Protect Humans, Animals and the Environment

Pre-harvest interval (in days) for each relevant crop:

Not applicable. Treatment in vines takes place up to BBCH 65, i.e. before fruit formation.

Re-entry period (in days) for livestock, to areas to be grazed:

Not applicable. Grapevines are not grazed.

Re-entry period (in hours or days) for man to crops, buildings or spaces treated:

A zero-day re-entry period is requested for man. Wait until the spray has dried on the crop. There are no known toxicity effects of kaolin.

Withholding period (in days) for animal feeding stuffs:

Not applicable. Grapes are not fed to livestock.

Waiting period (in days) between application and handling of treated products:

Not applicable. Aluminium silicate (kaolin) is not toxic and is not absorbed through the skin (as evidenced by millennia of use as potter's clay).

Waiting period (in days) between last application and sowing or planting succeeding crops:

Not applicable. Aluminium silicate is used in grapevine, a perennial crop.

Information on specific conditions under which the preparation may or may not be used:

Do not use in combination with overhead irrigation sprinklers, do not tank-mix with other plant protection products. The effect of Surround® WP Crop Protectant is that of a barrier film. Protection will last until the integrity of the particle film is compromised, either by wind erosion, rainfall or crop development. Therefore, Surround® WP Crop Protectant should not be applied when rain is expected.

Avoid wind drift on neighbouring crops.

CP 4.2 Recommended Methods and Precautions

Warehouse storage:

Keep containers tightly closed in a dry, cool and well ventilated place, away from food or feed. Product is slippery when wet.

User-level storage:

Keep containers tightly closed in a dry, cool and well ventilated place, away from food or feed. Product is slippery when wet.

Please refer to Material Safety Data Sheet (Document H).

Transport:

Surround® WP Crop Protectant is not classified as dangerous in the meaning of transport regulations.

Fire:

Surround® WP Crop Protectant is not classified as flammable. Surround® WP Crop Protectant does not burn. Use extinguishing media appropriate for surrounding fire.

CP 4.3 Emergency Measures in the Case of an Accident**Fire:**

Surround® WP Crop Protectant does not burn. Use extinguishing media appropriate for surrounding fire: Firefighters should wear full fire-fighting turn-out gear (full Bunker gear), including NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

Containment of spillage:

Cover powder spill with plastic sheet or tarpaulin to minimize spreading and dust generation. Scoop up or vacuum into a container for reclamation or disposal. Avoid stirring up dust. Dispose of as non-hazardous waste.

Surround® WP Crop Protectant is composed of 95% kaolin. Kaolin is an inert insoluble mineral and no special method of decontamination is required other than physical removal of excessive quantities. Kaolin is not hazardous to man or the environment.

CP 4.4 Packaging, Compatibility of the Plant Protection Product with Proposed Packaging Materials

A standard 12.5 kg Kraft-paper bag will be used to package Surround® WP Crop Protectant.

Bag size is 19.5" x 24.5" x 6.5" when full.

The construction is 2/50 lb natural and 1/50 lb bleached outer ply, which translates as an internal layer of 2 sheets of natural colour paper of weight 50 lb/3000 ft² and an external layer of 1 bleached sheet of weight 50 lb/3000 ft² (roughly 22.7 kg/ 278.7 m²). A copy of the packaging company specification sheet is provided.

Kaolin is inert and has been shipped for decades in this type of Kraft-paper bags for numerous industrial markets without incident.

Surround® WP Crop Protectant contains 95% kaolin. The paper bag will not react with kaolin or with any of the additives included in the preparation. Moreover, white bags have usually been coated with kaolin during production.

CP 4.5 Procedures for the Destruction or Decontamination of the Plant Protection Product and its Packaging

CP 4.5.1 Neutralisation procedures

Not applicable. Surround® WP Crop Protectant contains 95 % kaolin and 5% food-grade additives. Surround® WP Crop Protectant is inert and non-toxic. No neutralization procedure available.

CP 4.5.2 Controlled incineration

Surround® WP Crop Protectant contains 95% kaolin. Kaolin evolves water when heated over 600°C. No further decomposition occurs.

Additives in Surround® WP Crop Protectant do not contain halogens. Thus, pyrolysis cannot generate polyhalogenated dibenzo-p-dioxins.

CP 4.5.3 Disposal of damaged packaging, adsorbents and other materials

Packaging: Surround® WP Crop Protectant is packaged in Kraft paper bags which can be incinerated as non-hazardous waste

Adsorbents: Surround® WP Crop Protectant is a solid and does not require adsorbing materials in the event of spillage. Scoop up or vacuum into a container for reclamation or disposal. Dispose of as non-hazardous waste.

Other materials: Surround® WP Crop Protectant is nontoxic and can be safely rinsed out with water and soap. In the event of damage, please wash the damaged item with soap and water prior to disposal according to the item's disposal regulations.