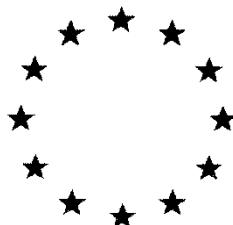


European Commission



Renewal Assessment Report
prepared according to Regulation (EC) N° 1107/2009

Aluminium Silicate Calcined
(Kaolin calcined)

SURROUND® WP CROP PROTECTANT
Tessenderlo

Volume 3 (CP)-B1

Rapporteur Member State: GREECE
Co-Rapporteur Member State: FRANCE

May 2020

Version history

When	What
March 2008	Monograph, Aluminium Silicate, Vol 3 Annex B, Rapporteur Member State: Hungary
May 2011	Final addendum to the Draft Assessment Report (DAR) Aluminium Silicate, Rapporteur Member State: Hungary
May 2020	draft Renewal Assessment report (dRAR) – prepared by RMS EL in the context of the application for renewal of approval of the a.s. according to Reg (EU) No 1107/2009. New data/information submitted/reported for the purpose of renewal are in yellow shading.

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B.1 Identity

B.1.1 Identity of the plant protection product

B.1.1.1 Applicant

Name: Tessenderlo Chemie

Address: Rue du Trône 130
B-1050 Bruxelles
Belgique

Contact :

Telephone number:

Fax:

E-mail:

B.1.1.2 Producer of the plant protection product

Name : Seapac, Inc.

Address : -

Contact: -

Telephone number: -

Fax number: -

E-mail: -

Name : Tessenderlo Kerley Inc

Address : -

Contact: -

Telephone number: -

Fax number: -

E-mail: -

Location of manufacturing plant: Confidential, see Vol. 4, Tessenderlo

B.1.1.3 Trade name or proposed trade name and producer's development code number of the plant protection product

Trade name: SURROUND® WP CROP PROTECTANT

Company code number: None

B.1.1.4 Detailed quantitative and qualitative information on the composition of the plant protection product

B.1.1.4.1 Composition of the plant protection product

Pure active substance

content of pure active substance:	950 g / l	(95.0 % w / w)
limits:	925-975 g/kg	92.5-97.5%

Technical active substance

content of technical active substance:	950.2 g/kg	95.0% (w/w)
limits:	925.2-975.2 g/kg	92.5-97.5%

at a minimum purity of the technical active substance of 99.9 %.

Relevant impurities:

Arsenic:	< 0.95 mg/kg
Lead:	< 4.75 mg/kg
Cadmium	< 0.19 mg/kg
Mercury	< 0.02 mg/kg
TEQ-WHO PCDD/F (sum of congeners)	< 0.19 ng/kg
TEQ-WHO dl-PCB (sum of congeners)	< 0.14 ng/kg
<i>TEQ-WHO PCDD/F/dl-PCB (sum of congeners)</i>	< 0.33 ng/kg
Sum of ndl-PCB:	< 4.75 µg/kg
Respirable crystalline silica (< 10 µm)	< 0.95 g/kg

Safeners, synergists and co-formulants- CONFIDENTIAL information, see Vol. 4, Tessenderlo)

The composition of SURROUND® WP CROP PROTECTANT has remained identical since the original notification of the active substance and product.

B.1.1.4.2 Information on the active substance

Type	Name/Code Number
ISO common name	Calcined aluminium silicate (calcined kaolin)
CAS No	92704-41-1
EC No	296-473-8
CIPAC No	841
Salt, ester anion or cation present	The active substance is not present in the formulation as a salt, ester, anion or cation.

At the request of the RMS (EL), the CAS and EEC numbers of the active substance are being modified to avoid confusion with kaolin (hydrous).

However, the Notifier wishes to indicate that the requested CAS number (92704-41-1, EEC number 296-473-8) does not correctly describe the active substance presented herewith. Moreover, the substance description presented in the ECHA Infocard for CAS number 92704-41-1 is incorrect and misleading as it presents a non-covalent substance susceptible to ionization, which is not the case for calcined kaolin, a covalently bound two-layered phyllosilicate that is insoluble in any solvents and stable over geological timescales (i.e. millions of years).

RMS, EL taking into consideration that the active substance already approved with the name “Aluminium Silicate”, and now under consideration for renewal, concerns the calcined aluminium silicate (anhydrous/amorphous aluminium silicate) as declared by Tessenderlo, is of the opinion that the CAS No (1332-58-7) and EC No (310-194-1) used in DAR (2008 & 2011, HU) which refer to the hydrous aluminium silicate should not be maintained in the framework of the renewal.

RMS, EL also agrees that the substance description presented in the ECHA Infocard for CAS number 92704-41-1 and name “Kaolin, calcined” could be misleading as it presents a substance with ionic species. However, based on all the available information on the identity of the active substance for the renewal EL considers that the most proper CAS No is 92704-41-1 and EC No 296-473-8.

Please refer to Vol 4, C.1.3.2. for further information

B.1.1.4.3 Information on safeners, synergists and co-formulants

CONFIDENTIAL information – data provided separately (Volume 4).

B.1.1.5 Type and code of the plant protection product

Type: Wettable powder [WP]

B.1.1.6 Function

Insect Repellent.

The kaolin particles in SURROUND® WP CROP PROTECTANT form a physical barrier that acts as a repellent to certain insect pests, e.g. olive fly.

B.1.1.7 Field of use envisaged

B.1.1.8 Effects on harmful organisms

B.1.2 References relied on

None.