

FINAL REGISTRATION REPORT

Part B

Section 1: Identity

Section 2: Physical and chemical properties

Section 4: Further information

Detailed summary of the risk assessment

Product code: BSK-FUN 500 SC

Product name(s): -

Chemical active substance:

boscalid, 500 g/L

Central Zone

Zonal Rapporteur Member State: Poland

CORE ASSESSMENT

(authorization)

Applicant:

Pestila Sp. z o. o. and ProAgri International Sp. z o. o.

Submission date: April 2024

MS Finalisation date: October 2024; February 2025, June 2025

Version history

When	What
04.2024	Submission date
10.2024	zRMS first evaluation
02.2025	The final Registration Report.
06.2025	Corrections made after the commenting period.

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zRMS comment:

Sufficient data on identity, physical and chemical properties and other information are available for the plant protection product and the contained technical active substance. Data gap – ambient temperature shelf life (expected date of completing the study – October 2025). Based on the formulation composition and accelerated storage results, a provisional authorisation for 2 years is possible and proposed.

Packaging: all proposed commercial packaging types – HDPE, HDPE/PA(COEX) and fHDPE are considered acceptable. See KCP 4.4 for details.

1 Section 1: Identity of the plant protection product

1.1 Applicant (KCP 1.1)

Name: Pestila Spółka z ograniczoną odpowiedzialnością
Address: Studzianki 24a
97-320 Wolbórz
Poland

and

Name: ProAgri International Spółka z ograniczoną odpowiedzialnością
Address: ul. Józefa Piusa Dziekońskiego 1
00-728 Warszawa
Poland

1.2 Producer of the plant protection product and of the active substances (KCP 1.2)

1.2.1 Producer(s) of the preparation

Name: Pestila Spółka z ograniczoną odpowiedzialnością
Address: Studzianki 24a
97-320 Wolbórz
Poland

and

Name: ProAgri International Spółka z ograniczoną odpowiedzialnością
Address: ul. Józefa Piusa Dziekońskiego 1
00-728 Warszawa
Poland

1.2.2 Producer(s) of the active substance(s)

Confidential information or data are provided separately (Part C).

1.2.3 Statement of purity (and detailed information on impurities) of the active substance(s)

1.2.3.1 Boscalid

Boscalid min. 960 g/kg (Commission Directive 2008/44/EC)
min 975 g/kg (Applicant source)

Relevant impurity	Maximum content (g/L or g/kg)
Not applicable	Not applicable

1.3 Trade names and producer's development code numbers for the preparation (KCP 1.3)

Trade name: Please refer to application form
Company code number: BSK-FUN 500 SC

1.4 Detailed quantitative and qualitative information on the composition of the preparation (KCP 1.4)

1.4.1 Composition of the plant protection product (KCP 1.4.1)

Table 1.4-1: Active substance(s) and variant(s) of the active substance(s)

Active substance / variant	Declared content of the pure active substance / variant (g/L or g/kg)	FAO Limits (min – max)	Technical content* (g/L or g/kg)	Technical content** (%w/w)
Boscalid	500 g/L	475 – 525 g/L	510.2 512.8 g/L	43.7 43.95 %

* Based on the minimum purity of the active substance declared for registration in the active substance dossiers

** Based on the density of the formulation = 1.1668 g/mL

Table 1.4-2: Safener and synergists

Safener / synergist	Declared content of the safener / synergist (g/L or g/kg)	FAO Limits (min – max)	Technical content* (g/L or g/kg)	Technical content** (%w/w)
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

* Based on the minimum purity of the safener/synergist declared for registration

** Based on the density of the formulation

Table 1.4-3: Relevant impurities

Relevant impurity	Maximum content (g/L or g/kg)
Not applicable	Not applicable

1.4.2 Information on the active substance(s) (KCP 1.4.2)

Table 1.4-4: Information on boscalid

Type	Name/Code Number
ISO common name	boscalid
CAS No.	188425-85-6
EC No.	606-143-0
CIPAC No.	673
Salt, ester, anion or cation present	none

1.4.3 Information on safeners, synergists and co-formulants (KCP 1.4.3)

Not relevant. Product does not contain safeners and synergists.

1.5 Type and code of the plant protection product (KCP 1.5)

Type: Suspension concentrate

[Code: SC]

1.6 Function (KCP 1.6)

Fungicide.

2 Section 2: Physical, chemical and technical properties of the plant protection product

All studies have been performed in accordance with the current requirements and the results are deemed to be acceptable. The appearance of the product is that white liquid suspension of characteristic odour. It is not explosive, has no oxidizing properties. The product is not flammable. It has a self-ignition temperature of 570 °C. In aqueous solution, it has a pH value around 7.3 at 20 °C. There is no effect of low and high temperature on the stability of the formulation, since after 7 days at 0 °C and 14 days at 54 °C, neither the active ingredient content nor the technical properties were changed. The stability data indicate a shelf life of at least 1 2 years at ambient temperature when stored in HDPE/PA. The stability data indicating a shelf life at ambient temperature is ongoing. Its technical characteristics are acceptable for a SC formulation.

The intended concentration of use is 0.1 to 0.35%.

Not recommended for tank-mixes usage.

Justified Proposals for Classification and Labelling (KCP 12) for physical chemical part only

Study	Result	Classification acc. to Reg. 1272/2008	Labelling acc. to Reg. 1272/2008
Explosive properties (A.14)	Product does not have explosive properties.	Not classified.	None.
Oxidizing properties (A.21)	Product does not have oxidizing properties.	Not classified.	None.
Flammability – not relevant for liquids.	Product is not flammable.	Not classified.	None.
Flash point (A.9)	up to 130°C	Not classified.	None.

Notifier Proposals for Risk and Safety Phrases (KCP 12)

Not relevant.

Compliance with FAO specifications:

The product BSK FUN 500 SC complies with FAO specifications.

At the time of the assessment, there were no FAO specifications for formulations containing boscalid.

Formulation used for tests

Product used in the test has the same composition as the one cited in Part C.

BSK-FUN 500 SC

Batch no. 1/BSK/2023

Table 2-1: Physical, chemical and technical properties of the plant protection product

Annex point	Method used / deviations	Test material	Findings	GLP Y/N	Reference	Acceptability / comments
Colour and physical state (KCP 2.1)	OPPTS 830.6302; OPPTS 830.6303; OPPTS 830.6304	BSK-FUN 500 SC Batch no. 1/BSK/2023	BSK-FUN 500 SC is a white liquid suspension with characteristic odour	Y	Garofani S., CH–0855-2023	Accepted
Explosive properties (KCP 2.2.1)	A.14	BSK-FUN 500 SC Batch no. 1/BSK/2023	BSK-FUN 500 SC does not have explosive properties.	Y	Garofani S., CH–0854-2023	Accepted In the thermal sensitivity (Koenen) test there was no explosion, the same as in the mechanical (shock and friction) sensitivity test.
Oxidizing properties (KCP 2.2.2)	A.21	BSK-FUN 500 SC Batch no. 1/BSK/2023	BSK-FUN 500 SC does not have the oxidizing properties.	Y	Garofani S., CH–0854-2023	Accepted No oxidizing properties
Flash point (KCP 2.3.1)	A.9	BSK-FUN 500 SC Batch no. 1/BSK/2023	BSK-FUN 500 SC does not have the flash point up to 130°C	Y	Garofani S., CH–0854-2023	Accepted
Flammability (KCP 2.3.2)	-	-	Not relevant. BSK-FUN 500 SC is liquid form.	-	-	Accepted
Self-heating (KCP 2.3.3)	A.15	BSK-FUN 500 SC Batch no.	BSK-FUN 500 SC has no auto ignition until 570°C	Y	Garofani S., CH–0854-2023	Accepted Not auto-flammable

Annex point	Method used / deviations	Test material	Findings		GLP Y/N	Reference	Acceptability / comments
		1/BSK/2023					
Acidity or alkalinity and pH (KCP 2.4.1)	CIPAC MT 75.3	BSK-FUN 500 SC Batch no. 1/BSK/2023	pH <div>neat</div> = 7.4 <div>at 20°C</div>		Y	Garofani S., CH–0855-2023	Accepted Since the pH is between 4 and 10, there is no need to test for acidity or alkalinity.
pH of a 1% aqueous dilution, emulsion or dispersion (KCP 2.4.2)	CIPAC MT 75.3	BSK-FUN 500 SC Batch no. 1/BSK/2023	pH = 7.3 <div>at 20°C</div>		Y	Garofani S., CH–0855-2023	Accepted Since the pH is between 4 and 10, there is no need to test for acidity or alkalinity.
Viscosity (KCP 2.5.1)	CIPAC MT 192	BSK-FUN 500 SC Batch no. 1/BSK/2023	<div>Test at 20°C</div> <div>Dynamic viscosity: from 2095.00 to 204.40 cP Shear rate range: from 1.36 to 34.00 sec⁻¹</div>		Y	Garofani S., CH–0855-2023	Accepted Non-Newtonian behaviour. As the calculated kinematic viscosity value would be > 20.5 mm2/s at 40 °C and the formulation does not contain ≥10 % substances classified as Asp.Haz Cat 1, the formulation is not considered for classification as an aspiration hazard.
			<div>Test at 40°C</div> <div>Dynamic viscosity: from 1817.67 to 163.90 cP Shear rate range: from 1.36 to 34.0 sec⁻¹</div>				
			<div>For both tests speed from 4 to 100 rpm</div>				

Annex point	Method used / deviations	Test material	Findings		GLP Y/N	Reference	Acceptability / comments	
Surface tension (KCP 2.5.2)	A.5	BSK-FUN 500 SC Batch no. 1/BSK/2023	At 20.0 ± 0.5°C: Concentrate: 46.6 37.0 mN/m; Highest concentration of usable liquid (0.7% v/v): 40.5 mN/m.		Y	Garofani S., CH–0855-2023	Accepted Surface-active formulation	
Relative density (KCP 2.6.1)	A.3	BSK-FUN 500 SC Batch no. 1/BSK/2023	1.1668 g/ml at 20°C Relative density: 1.1668		Y	Garofani S., CH–0855-2023	Accepted	
Bulk density (KCP 2.6.2)	-	-	Not relevant. BSK-FUN 500 SC is liquid form.		-	-	-	
Storage Stability after 14 days at 54° C (KCP 2.7.1)	CIPAC MT 46.4 HPLC/UV OPPTS 830.6302; OPPTS 830.6303; OPPTS 830.6304 CIPAC MT 75.3 A.3 CIPAC MT 47.3 CIPAC MT 184.1 CIPAC MT 160 CIPAC MT 185 CIPAC MT 187 CIPAC MT	BSK-FUN 500 SC Batch no. 1/BSK/2023	Storage stability after 14 days at 54°C.		Y	Garofani S., CH–0857-2023	Accpeted The HPLC/UV method has been validated according to SANCO/3030/99 rev.5 (study no CH–0853-2023, see Part B5 of the dRR). No loss of the active substance > 5 % (T0: 43.618%, T54: 43.573%; app. 0.1% decrease). The preparation was not adversely affected by high temperature and the packaging (HDPE bottle) was found to be resistant to its contents.	
			Test	Initial characterisation				After 14 days of storage at 54°C
			Packaging	1 L HDPE bottle				1 L HDPE bottles “A” and “B”
			Weight variation (%)	-				“A”: - 0.02 % “B”: - 0.02 %
			Boscalid active ingredient content	43.6 ± 0.1 % w/w 509 ± 1 g/L				43.6 ± 0.1 % w/w 509 ± 1 g/L (ΔT0= 0.09 %)
			Appearance (Colour, odour and physical state)	White liquid suspension with characteristic odour				White liquid suspension with characteristic odour
			Compatibility (resistance) of the packaging material (Visual examination of packaging both externally and internally)	-				The container didn’t present any deformation in both bottom and lateral layers, or loss of sample and evident corrosion phenomena

Annex point	Method used / deviations	Test material	Findings			GLP Y/N	Reference	Acceptability / comments
	148.1 CH-0853-2023		pH value (neat test item)	7.4	7.3			
			pH value (1% aqueous dilution)	7.3 (3)	7.3 (3)			
			Relative density	1.1668 g/mL at 20°C $D_{20}^{20} = 1.1690$ $D_4^{20} = 1.1668$	1.1692 g/mL $D_{20}^{20} = 1.1713$ $D_4^{20} = 1.1692$			
			Persistent foam	Foam after 1 minute: 0.05 % v/v = 26 mL 0.7 % v/v = 0 mL Foam after 12 minutes: 0.05 % v/v = 14 mL 0.7 % v/v = 0 mL	Foam after 1 minute: 0.05 % v/v = 27 mL 0.7 % v/v = 1 mL Foam after 12 minutes: 0.05 % v/v = 16 mL 0.7 % v/v = 0 mL			
			Wet sieve test	No residue into 75 µm sieve	0.08 % w/w			
			Pourability of Suspension Concentrates	2.31 % as residue 0.16 % as rinsed residue	2.40 % as residue 0.18 % as rinsed residue			
			Particle size distribution	Dv 10: 0.337 µm Dv 50: 0.625 µm Dv 90: 1.47 µm % < 45 µm: 100.00% % > 75 µm: 0.00%	Dv 10: 0.365 µm Dv 50: 0.695 µm Dv 90: 1.83 µm % < 45 µm: 100.00% % > 75 µm: 0.00%			
			Suspensibility	0.05 % v/v: 99.5 % 0.7 % v/v: 99.0 %	0.05 % v/v: 99.5 % 0.7 % v/v: 98.5 %			
			Spontaneity of Dispersion	5 % v/v: 96.6 %	5 % v/v: 96.7 %			
Stability after storage for other periods and/or temperatures	-	-	Not relevant. BSK-FUN 500 SC was stable after 14 days at 54°C.			-	-	-

Annex point	Method used / deviations	Test material	Findings			GLP Y/N	Reference	Acceptability / comments
(KCP 2.7.2)								
Minimum content after heat stability testing (KCP 2.7.3)	MT/BA-48/22	BSK-FUN 500 SC Batch no. 1/BSK/2023	43.48 % (508.4 g/L).			Y	Garofani S., CH–0857-2023	Accepted See KCP 2.7.1
Effect of low temperatures on stability (KCP 2.7.4)	CIPAC MT 39.3 OPPTS 830.6302; OPPTS 830.6303; OPPTS 830.6304 CIPAC MT 75.3 A.3 CIPAC MT 47.3 CIPAC MT 184.1 CIPAC MT 160 CIPAC MT 185 CIPAC MT 187 CIPAC MT 148.1 CH–0853-2023	BSK-FUN 500 SC Batch no. 1/BSK/2023	Storage stability after 7 days at 0°C.			Y	Garofani S., CH–0856-2023	Accepted According to the SANCO/10473/2003 –rev.5; 21.10.2021, suspensibility and wet sieve test should be determined after storage at low temperature. The preparation was not adversely affected by low temperature.
			Test	Initial characterisation	After Low Temperature Stability			
			Low Temperature Stability	-	After 7 days at 0 ± 2°C and after 24 hours of thermal equilibrium at 23 ± 2°C and a single inversion: no visual separation of solid or liquid material, nor changes in its physical state			
			Boscalid active ingredient content	43.6 ± 0.1 % w/w 509 ± 1 g/L (1)	43.5 ± 0.1 % w/w 507 ± 1 g/L (2) (ΔT0= - 0.39 %)			
			Appearance (Colour, odour and physical state)	White liquid suspension with characteristic odour	White liquid suspension with characteristic odour			
			pH value (neat test item)	7.4	7.3			
			pH value (1% aqueous dilution)	7.3 (3)	7.3 (3)			
			Relative density	1.1668 g/mL at 20°C D_{20}^{20} = 1.1690 D_4^{20} = 1.1668	1.1645 g/mL at 20°C D_{20}^{20} = 1.1666 D_4^{20} = 1.1645			

Annex point	Method used / deviations	Test material	Findings			GLP Y/N	Reference	Acceptability / comments
			Persistent foam	Foam after 1 minute: 0.05 % v/v = 26 mL 0.7 % v/v = 0 mL Foam after 12 minutes: 0.05 % v/v = 14 mL 0.7 % v/v = 0 mL	Foam after 1 minute: 0.05 % v/v = 24 mL 0.7 % v/v = 0 mL Foam after 12 minutes: 0.05 % v/v = 13 mL 0.7 % v/v = 0 mL			
			Wet sieve test	No residue onto 75 µm sieve	0.07 %			
			Pourability of Suspension Concentrates	2.31 % as residue 0.16 % as rinsed residue	4.43 % as residue 0.38 % as rinsed residue			
			Particle size distribution	Dv 10: 0.337 µm Dv 50: 0.625 µm Dv 90: 1.47 µm % < 45 µm: 100.00% % > 75 µm: 0.00%	Dv 10: 0.338 µm Dv 50: 0.627 µm Dv 90: 1.48 µm % < 45 µm: 100.00% % > 75 µm: 0.00%			
			Suspensibility	0.05 % v/v: 99.5 % 0.7 % v/v: 99.0 %	0.05 % v/v: 99.0 % 0.7 % v/v: 99.2 %			
			Spontaneity of Dispersion	5 % v/v: 96.6 %	5 % v/v: 88.9 %			
Ambient temperature shelf life (KCP 2.7.5)	-	-	Study on-going. Expected date of completing the study October 2025.			-	-	Data gap Based on the formulation composition and accelerated storage results, a provisional authorisation for 2 years is possible and proposed.
Shelf life in months	-	-	-			-	-	See KCP 2.7.5

Annex point	Method used / deviations	Test material	Findings	GLP Y/N	Reference	Acceptability / comments
(if less than 2 years) (KCP 2.7.6)						
Wettability (KCP 2.8.1)	-	-	Not relevant. BSK-FUN 500 SC is liquid form.	-	-	-
Persistence of foaming (KCP 2.8.2)	CIPAC MT 47.3	BSK-FUN 500 SC Batch no. 1/BSK/2023	<u>At concentration 0.05 % v/v:</u> after 1 min. 26 ml, after 12 min. 14 ml; <u>At concentration 0.7 % v/v:</u> after 1 min. 0 ml, after 12 min. 0 ml.	Y	Garofani S., CH–0855-2023	Accepted Determined at the concentrations lower and higher than the recommended in-use spray concentrations (0.1 and 0.35% respectively).
Suspensibility (KCP 2.8.3.1)	CIPAC MT 184.1	BSK-FUN 500 SC Batch no. 1/BSK/2023	<u>Standard Water D at room temperature:</u> <u>At concentration 0.05 % v/v:</u> 99.5%; <u>At concentration 0.7 % v/v:</u> 99.0%.	Y	Garofani S., CH–0855-2023	Accepted Determined at the concentrations lower and higher than the recommended in-use spray concentrations (0.1 and 0.35% respectively).
Spontaneity of dispersion (KCP 2.8.3.2)	CIPAC MT 160	BSK-FUN 500 SC Batch no. 1/BSK/2023	<u>Standard Water D at room temperature:</u> <u>At concentration 5 % v/v:</u> 96.6%.	Y	Garofani S., CH–0855-2023	Accepted Recommended conc. used (12.5mL/250mL). The diluted suspension was analysed by HPLC.
Dispersion stability	-	-	Not required for SC formulation.	-	-	-

Annex point	Method used / deviations	Test material	Findings	GLP Y/N	Reference	Acceptability / comments
(KCP 2.8.3.3)						
Degree of dissolution and dilution stability (KCP 2.8.4)	-	-	Not required for SC formulation.	-	-	-
Particle size distribution / nominal size range of granules (KCP 2.8.5.1.1)	CIPAC MT 187	BSK-FUN 500 SC Batch no. 1/BSK/2023	Dv 10: 0.337 µm Dv 50: 0.625 µm Dv 90: 1.47 µm % < 45 µm: 100.00% % > 75 µm: 0.00% .	Y	Garofani S., CH–0855-2023	Accepted
Wet sieve test (KCP 2.8.5.1.2)	CIPAC MT 185	BSK-FUN 500 SC Batch no. 1/BSK/2023	Residue on 75 µm sieve - 0 %.	Y	Garofani S., CH–0855-2023	Accepted Recommended conc. used (10g/100mL)
Dust content (KCP 2.8.5.2.1)	-	-	Not relevant. BSK-FUN 500 SC is liquid form.	-	-	-
Particle size of dust (KCP 2.8.5.2.2)	-	-	Not relevant. BSK-FUN 500 SC is liquid form.	-	-	-
Attrition (KCP 2.8.5.3)	-	-	Not relevant. BSK-FUN 500 SC is liquid form.	-	-	-
Hardness and integrity (KCP 2.8.5.4)	-	-	Not relevant. BSK-FUN 500 SC is liquid form.	-	-	-
Emulsifiability (KCP 2.8.6.1)	-	-	Not required for SC formulation.	-	-	-
Emulsion stability (KCP 2.8.6.2)	-	-	Not relevant. BSK-FUN 500 SC is a suspension concentrate.	-	-	-

Annex point	Method used / deviations	Test material	Findings	GLP Y/N	Reference	Acceptability / comments
Re-emulsifiability (KCP 2.8.6.3)	-	-	Not relevant. BSK-FUN 500 SC is a suspension concentrate.	-	-	-
Flowability (KCP 2.8.7.1)	-	-	Not relevant. BSK-FUN 500 SC is a suspension concentrate.	-	-	-
Pourability (KCP 2.8.7.2)	CIPAC MT 148.1	BSK-FUN 500 SC Batch no. 1/BSK/2023	2.31 % as residue; 0.16 % as rinsed residue.	Y	Garofani S., CH–0855-2023	Accepted
Dustability following accelerated storage (KCP 2.8.7.3)	-	-	Not relevant. BSK-FUN 500 SC is liquid form.	-	-	-
Physical compatibility of tank mixes (KCP 2.9.1)	-	-	Not relevant. BSK-FUN 500 SC is not recommended for tank-mixes usage.	-	-	-
Chemical compatibility of tank mixes (KCP 2.9.2)	-	-	Not relevant. BSK-FUN 500 SC is not recommended for tank-mixes usage.	-	-	-
Adhesion to seeds (KCP 2.10.1)	-	-	Not relevant. BSK-FUN 500 SC is not a seedtreatment.	-	-	-
Distribution to seed (KCP 2.10.2)	-	-	Not relevant. BSK-FUN 500 SC is not a seedtreatment.	-	-	-
Other/special studies (KCP 2.11)	PSD 302 PSD 305 EPPO PP 1/292(1)	BSK-FUN 500 SC Batch no. 1/BSK/2023	Application equipment cleaning effectiveness – 99.9 %.	Y	Garofani S., CH–0855-2023	Accepted

3 Section 3 is presented as a separate document

Please refer to the separate file “dRR Part B3”.

4 Section 4: Further information on the plant protection product

4.1 Packaging and Compatibility with the Preparation (KCP 4.4)

zRMS comment:

In the accelerated storage study, the formulation was stored in commercial packaging (HDPE bottles) and the packaging remained stable during the storage – no deterioration of the packaging material and no adverse interaction with the formulation was observed. The packaging is acceptable. According to SAN-CO/3030/99 rev.5, extrapolation from HDPE to HDPE/PA (COEX) and fHDPE (fluorinated HDPE) is possible for SC formulations.

All proposed commercial packaging is considered acceptable.

~~Taking into account extrapolation rules of Polish guideline on the general principles for approval of packaging of plant protection products (actualization 18.10.2021), we are applying for additional packaging made of HDPE/PA (COEX) and fHDPE (fluorinated HDPE) for professional users. According to this guideline extrapolation from HDPE to HDPE/PA (COEX) and fHDPE (fluorinated HDPE) is possible for SC formulations.~~

Table 4.1-1: Packaging information for 250 ml bottle

Type	Description		
Material:	HDPE	HDPE/PA (COEX)	fHDPE
Shape/size:	126mm x Ø63,5mm	126mm x Ø63,5mm	126mm x Ø63,5mm
Opening:	50mmTE	50mmBE	50mmTE
Closure:	50mmTE	50mmBE	50mmTE
Seal:	HIS or PE	IHS	IHS or PET/ALU
Manner of construction	Blow moulded extrusion	Blow moulded coextrusion	Blow moulded extrusion
UN/ADR	Y 1,5/120	Y 1,9/120	Y 1,5/120

Table 4.1-2: Packaging information for 0.5 L bottle

Type	Description		
Material:	HDPE	HDPE/PA (COEX)	fHDPE
Shape/size:	cylindrical / approx. 77,6 mm diameter x 160,6 mm	cylindrical / approx. 77,6 mm diameter x 160,6 mm	cylindrical / approx. 69 mm diameter x 186,2 mm
Opening:	31,3 mm diameter	31,3 mm diameter	45 mm inner diameter
Closure:	high-density polyethylene cap (screw-on type)	high-density polyethylene cap (screw-on type)	31,3 mm inner diameter
Seal:	HF-seal	HF-seal	HF-seal
Manner of construction	blowing extrusion	blowing extrusion	blowing extrusion
UN/ADR	not relevant	not relevant	UN certified

Table 4.1-3: Packaging information for 1L bottle

Type	Description		
Material:	HDPE	HDPE/PA (COEX)	fHDPE
Shape/size:	cylindrical / approx. 84 mm diameter x 230,1 mm	cylindrical / approx. 88 mm diameter x 236,5 mm	cylindrical / approx. 88,5 mm diameter x 233,2 mm
Opening:	31,3 mm diameter	48 mm inner diameter	45 mm inner diameter
Closure:	high-density polyethylene cap (screw-on type)	high-density polyethylene cap (screw-on type)	high-density polyethylene cap (screw-on type)
Seal:	HF-seal	HF-seal	HF-seal
Manner of construction	blowing extrusion	blowing extrusion	blowing extrusion
UN/ADR	not relevant	not relevant	UN certified

Table 4.1-4: Packaging information for 5L canister

Type	Description		
Material:	HDPE	HDPE/PA (COEX)	fHDPE
Shape/size:	cuboid / approx. 186 x 140 mm, H _{max} =300 mm	cuboid / approx. 187 x 135 mm, H _{max} =305 mm	cuboid / approx. 193 x 142 mm, H _{max} =305 mm
Opening:	54 mm diameter	53 mm inner diameter	54 mm inner diameter
Closure:	high-density polyethylene cap (screw-on type)	high-density polyethylene cap (screw-on type)	high-density polyethylene cap (screw-on type)
Seal:	HF-seal	HF-seal	HF-seal
Manner of construction	blowing extrusion	blowing extrusion	blowing extrusion
UN/ADR	not relevant	not relevant	UN certified

Table 4.1-5: Packaging information for 10L canister

Type	Description		
Material:	HDPE	HDPE/PA (COEX)	fHDPE
Shape/size:	cuboid / approx. 228 x 192 mm, H _{max} =306,6 mm	cuboid / approx. 230 x 166 mm, H _{max} =375 mm	cuboid / approx. 240 x 179 mm, H _{max} =377,5 mm
Opening:	46,8 mm diameter	53 mm inner diameter	54 mm inner diameter
Closure:	high-density polyethylene cap (screw-on type)	high-density polyethylene cap (screw-on type)	high-density polyethylene cap (screw-on type)
Seal:	HF-seal	HF-seal	HF-seal
Manner of construction	blowing extrusion	blowing extrusion	blowing extrusion
UN/ADR	compliant	compliant	UN certified

Table 4.1-6: Packaging information for 20L canister

Type	Description		
Material:	HDPE	HDPE/PA (COEX)	fHDPE
Shape/size:	cuboid / approx. 259 x 237 mm, H _{max} =415±3 mm	cuboid / approx. 292 x 256 mm, H _{max} =345,4 mm	cuboid / approx. 294 x 245 mm, H _{max} =400 mm
Opening:	63,4 mm diameter	46,8 mm diameter	53 mm diameter

Type	Description		
Closure:	high-density polyethylene cap (screw-on type)	high-density polyethylene cap (screw-on type)	high-density polyethylene cap (screw-on type)
Seal:	HF-seal	HF-seal	HF-seal
Manner of construction	blowing extrusion	blowing extrusion	blowing extrusion
UN/ADR	compliant	compliant	compliant

Table 4.1-7: Packaging information for 220L barrel

Type	Description	
Material:	HDPE	HDPE
Shape/size:	935 (± 5)mm x Ø581 (± 5)mm	973mm x Ø590mm
Opening:	Ø581 (±5)	Ø590mm
Closure:	Cap types: 2 layer high-density polyethylene - HBCS 70x6 (Ø80 ± 0,5mm, height 23 ±1 mm) or 2 caps high-density polyethylene - BCS 56x4 (Ø71,8 ±0,3 mm, height 21,4 ±1 mm)	Lid injection moulded out of HDPE with lever action clamping ring, made from galvanised steel.
Seal:	EPDM foam rubber or PE	PUR foamed or EPDM foam rubber
Manner of construction	Blow moulded in one operation together with top and bottom out and integrated L - ring in top.	Blow moulded out of high molecular HDPE in a one-step process.
UN/ADR	UN 1H1	UN 1H2

Table 4.1-8: Packaging information for 1000 L container

Type	Description		
Material:	HDPE container in steel cage on plastic pallet	HDPE container in steel cage on wooden pallet	HDPE container in steel cage on hybrid pallet
Shape/size:	1000mm x 1200mm x 1180mm	1000mm x 1200mm x 1174 mm	1000 mm x 1200mm x 1151mm (± 5mm)
Opening:	NW150	NW150	NW150
Closure:	DN 50	DN 50	DN 50
Seal:	ETFE/PE	EPDM	ETFE/PE
Manner of construction	Blow-molded from high-density UV-stabilized PE, galvanized steel cage, plastic pallet.	Blow-molded from high-density UV-stabilized PE, galvanized steel cage, wooden pallet.	Blow-molded from high-density UV-stabilized PE, galvanized steel cage, palette made of steel corners are filled with plastic.
UN/ADR	UN 31HA1	UN 31HA1	UN 31HA1

Appendix 1 Lists of data considered in support of the evaluation

Tables considered not relevant can be deleted as appropriate.

MS to blacken authors of vertebrate studies in the version made available to third parties/public.

List of data submitted by the applicant and relied on

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Owner
KCP 2.1 KCP 2.4.1 KCP 2.4.2 KCP 2.5.1 KCP 2.5.2 KCP 2.6.1 KCP 2.8.2 KCP 2.8.3.1 KCP 2.8.3.2 KCP 2.8.5.1.1 KCP 2.8.5.1.2 KCP 2.8.7.2 KCP 2.11	Garofani S.	2023	BSK-FUN 500 SC: Determination of the Physico-chemical Properties Report No CH-0855-2023 ChemService S.r.l. Controlli e Ricerche GLP Published	N	Pestila* ProAgri*
KCP 2.2.1 KCP 2.2.2 KCP 2.3.1 KCP 2.3.3	Garofani S.	2023	BSK-FUN 500 SC: Determination of the Physico-chemical Properties Report No CH-0854-2023 ChemService S.r.l. Controlli e Ricerche GLP Published	N	Pestila* ProAgri*

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Owner
KCP 2.7.1 KCP 2.7.3	Garofani S.	2023	BSK-FUN 500 SC: Determination of the Physico-chemical Properties Report No CH-0857-2023 ChemService S.r.l. Controlli e Ricerche GLP Published	N	Pestila* ProAgri*
KCP 2.7.4	Garofani S.	2023	BSK-FUN 500 SC: Determination of the Low Temperature Stability Report No CH-0856-2023 ChemService S.r.l. Controlli e Ricerche GLP Published	N	Pestila* ProAgri*

*Pestila Spółka z ograniczoną odpowiedzialnością (short name Pestila Sp. z o. o.)

**ProAgri International Sp. z o. o. or ProAgri Sp. z o. o.

List of data submitted or referred to by the applicant and relied on, but already evaluated at EU peer review

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Owner

The following tables are to be completed by MS.

List of data submitted by the applicant and not relied on

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Owner
-	-	-	-	-	-

List of data relied on and not submitted by the applicant but necessary for evaluation

Data point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Owner
-	-	-	-	-	-

Appendix 2 Additional data on the physical, chemical and technical properties of the active substance

A 2.1 Boscalid

No further data available.