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: SHA 0724 A

Product name: COREY

Chemical active substances:

Rimsulfuron, 150 g/kg

Nicosulfuron, 300 g/kg

Central Zone

Zonal Rapporteur Member State: Poland

CORE ASSESSMENT

Applicant: SHARDA Cropchem España S.L.

Submission date: February 2020

Finalisation date: 11.2020, 05.2021, 01.2022

Version history

When	What
November 2020	RMS Aassessment
February 2021	Applicant update
May 2021	RMS updated version
January 2022	RMS Assessment after Reporting Table

Table of Contents

Sufficient data on identity, physical and chemical properties and other information are available for the plant protection product and the contained technical active substances.

Noticed data gaps are: none

1 Section 1: Identity of the plant protection product

1.1 Applicant (KCP 1.1)

Name: SHARDA Cropchem España S.L
Address: Edificio Atalayas Business Center,
Carril Condomina nº 3, 12th Floor,
30006 Murcia, Spain
Phone: +xxxxxx
FAX: +xxxxx

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

1.2.1 Producer(s) of the preparation

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

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 Rimsulfuron

Rimsulfuron	min. 980 g/kg (Sharda source; equivalence evaluated by UK, 2014) min. 960 g/kg (Commission Directive 06/39/EC)

1.2.3.2 Nicosulfuron

Nicosulfuron	min. 930 g/kg (Sharda source; equivalence evaluated by UK, 2009) ~~min. 930 g/kg (Commission Directive 2008/40)~~ min. 910 g/kg (Commission Directive 540/2011)

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

Trade name: COREY

Company code number: SHA 0724 A

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)
Rimsulfuron	150 g/kg	141-156 9 g/kg (± 6% of declared content)	153.06 g/kg	15.36
Nicosulfuron	300 g/kg	285-315 g/kg (± 5% of declared content)	322.58 g/kg	32.26

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

Table 1.4-2: Relevant impurities

Relevant impurity	Maximum content (g/L or g/kg)
-	-

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

Table 1.4-3: Information on Rimsulfuron

Type	Name/Code Number
ISO common name	Rimsulfuron
CAS No.	122931-48-0
EC No.	602-908-8
CIPAC No.	716

Table 1.4-4: Information on Nicosulfuron

Type	Name/Code Number
ISO common name	Nicosulfuron
CAS No.	111991-09-4

Type	Name/Code Number
EC No.	601-148-4
CIPAC No.	709

Table 1.4-5: Information on safeners, synergists and co-formulants (KCP 1.4.3)

CONFIDENTIAL information is provided separately (Part C).

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

Type: Water dispersible granules [Code: WG]

1.6 Function (KCP 1.6)

The product COREY (Rimsulfuron 15% + Nicosulfuron 30% WG) is an herbicide.

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 mixture of gray and beige granules of characteristic odour. It is not explosive, has no oxidizing properties. The product is not flammable. It has a self-ignition temperature of > 400 °C. In aqueous solution, it has a pH value around 5.70 at 20 °C. There is no effect of high temperature on the stability of the formulation, since after 14 days at 54 °C, neither the active ingredient content nor the technical properties were changed.

~~A shelf life of at least 2 years at ambient temperature is on-going and the final report will be provided as soon as available.~~
~~Shelf life – 1 year.~~
Active substances content and stability of packaging PP bucket were tested in 2 years at ambient temperature. The active ingredient content and all physical and chemical properties remained stable and acceptable after the tests.

Its technical characteristics are acceptable for a water dispersible granules formulation.

The intended concentration of use is 0.00025% to 0.0005% of PPP.

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

Neither classification or labelling is relevant for this section.

Notifier Proposals for Risk and Safety Phrases (KCP 12)

No risk and safety phrases are relevant for this section.

Compliance with FAO specifications:

The product Rimsulfuron 15% + Nicosulfuron 30% WG complies with FAO specifications.

Formulation used for tests

The product used to determine the physical, chemical and technical properties is the one cited in Part C.

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)	Visual inspection	Rimsulfuron 15% + Nicosulfuron 30% WG	A mixture of gray and beige granules of characteristic odour	Y	Idris Al Amin, 2017 Report no. BF-55/16	Accepted
Explosive properties (KCP 2.2.1)	EEC A.14	Rimsulfuron 15% + Nicosulfuron 30% WG	The test item does not have explosive properties.	Y	Daniel Buczkowski, 2016 Report no. BW-25/16	Accepted
Oxidizing properties (KCP 2.2.2)	EEC A.17	Rimsulfuron 15% + Nicosulfuron 30% WG	Test item named Rimsulfuron 15% + Nicosulfuron 30% WG does not have the oxidizing properties in accordance with test A.17 criteria	Y	Paulina Flasińska, 2017 Report no. BC-04/17	Accepted
Flash point (KCP 2.3.1)			Please refer to KCP 2.3.2			Statement accepted
Flammability (KCP 2.3.2)	EEC A.10	Rimsulfuron 15% + Nicosulfuron 30% WG	Test item named Rimsulfuron 15% + Nicosulfuron 30% WG is not highly flammable in accordance with test A.10. criteria.	Y	Paulina Flasińska, 2017 Report no. BC-04/17	Accepted
Self-heating (KCP 2.3.3)	EEC A.16	Rimsulfuron 15% + Nicosulfuron 30% WG	Test item named Rimsulfuron 15% + Nicosulfuron 30% WG does not have the relative self-ignition temperature in accordance with test A.16. criteria There is not observed any thermal change of sample above 400 °C.	Y	Paulina Flasińska, 2017 Report no. BC-04/17	Accepted
Acidity or alkalinity and pH (KCP 2.4.1)			Please refer to KCP 2.4.2			Statement accepted
pH of a 1% aqueous dilution, emulsion or dispersion	CIPAC MT 75.3	Rimsulfuron 15% + Nicosulfuron	pH = 5.70 at 20 °C	Y	Idris Al Amin, 2017 Report no. BF-55/16	Accepted

<table>
<tr><th>Annex point</th><th>Method used / deviations</th><th>Test material</th><th>Findings</th><th>GLP Y/N</th><th>Reference</th><th>Acceptability / comments</th></tr>
<tr><td>(KCP 2.4.2)</td><td></td><td>30% WG</td><td></td><td></td><td></td><td></td></tr>
<tr><td>Viscosity
(KCP 2.5.1)</td><td></td><td></td><td>Not relevant for a WG formulation.</td><td></td><td></td><td>Statement accepted</td></tr>
<tr><td>Surface tension
(KCP 2.5.2)</td><td></td><td></td><td>Not relevant for a WG formulation.</td><td></td><td></td><td>Statement accepted</td></tr>
<tr><td>Relative density
(KCP 2.6.1)</td><td></td><td></td><td>Not relevant for a WG formulation.</td><td></td><td></td><td>Statement accepted</td></tr>
<tr><td>Bulk density
(KCP 2.6.2)</td><td>CIPAC MT 186</td><td>Rimsulfuron 15% + Nicosulfuron 30% WG</td><td>Pour density – 0.62 g/mL
Tap density – 0.66 g/mL</td><td>Y</td><td>Idris Al Amin, 2017
Report no. BF-55/16</td><td>Accepted</td></tr>
<tr><td>Storage Stability after 14 days at 54º C
(KCP 2.7.1)</td><td>CIPAC MT 46</td><td>Rimsulfuron 15% + Nicosulfuron 30% WG</td><td>
<table>
<tr><th colspan="2">Test</th><th>Results after 14 d at 54°C</th></tr>
<tr><td colspan="2">Appearance</td><td>A mixture of gray and beige granules of characteristic odour</td></tr>
<tr><td colspan="2">pH value (1% w/v aq. sol.)</td><td>5.81</td></tr>
<tr><td colspan="2">Wet sieve test</td><td>Residue in 75 µm sieve 0.00%</td></tr>
<tr><td colspan="2">Wettability</td><td>4 s</td></tr>
<tr><td rowspan="2">Suspension stability</td><td>0.07 kg/400 l</td><td>91.77</td></tr>
<tr><td>0.1 k g/200 l</td><td>83.67</td></tr>
<tr><td colspan="2">Dispersion spontaneity</td><td>91.61 %</td></tr>
<tr><td colspan="2">Granule size</td><td>Fraction > 3350 µm 0.93%
fraction 2000 - 3350 µm 1.07%
fraction 1000 - 2000 µm 94.60%
fraction 500 - 1000 µm 2.66%
fraction 250 - 500 µm 0.28%
fraction 125 - 250 µm 0.18%
fraction 75 - 125 µm 0.15%
fraction < 75 µm 0.12%</td></tr>
<tr><td colspan="2">Attrition resistance</td><td>99.78%</td></tr>
<tr><td colspan="2">Dustiness</td><td>0.00%</td></tr>
<tr><td colspan="2">Rimsulfuron / Nicosulfuron determination</td><td>Rimsulfuron: 14.91%
Nicosulfuron 28.02%</td></tr>
</table>
</td><td>Y</td><td>Idris Al Amin, 2017
Report no. BF-55/16</td><td>Accepted

RMS Comment:
All presented results are accepted
Test carried out in the glass packagings.</td></tr>
</table>

<table>
<tr><th>Annex point</th><th>Method used / deviations</th><th>Test material</th><th>Findings</th><th>GLP Y/N</th><th>Reference</th><th>Acceptability / comments</th></tr>
<tr><td></td><td></td><td></td><td><table><tr><td>Particle size</td><td>d_{10} = 0.72 µm
d^{50} = 5.96 µm
d_{90} = 21.06 µm
*Average $d_{4,3}$ = 8.85 µm
SD = 0.27 µm, RSD = 3.05%</td></tr><tr><td>Flowability</td><td>100% after accelerated storage</td></tr></table></td><td></td><td></td><td></td></tr>
<tr><td>Stability after storage for other periods and/or temperatures
(KCP 2.7.2)</td><td></td><td></td><td>Not relevant</td><td></td><td></td><td>Statement accepted</td></tr>
<tr><td>Minimum content after heat stability testing
(KCP 2.7.3)</td><td>HPLC</td><td>Rimsulfuron 15% + Nicosulfuron 30% WG</td><td><table><tr><th>Active substance</th><th>0 days</th><th>14 d at 54°C</th></tr><tr><td>Rimsulfuron</td><td>14.84%</td><td>14.91%</td></tr><tr><td>Nicosulfuron</td><td>29.03%</td><td>28.02%</td></tr></table></td><td>Y</td><td>Idris Al Amin, 2017
Report no. BF-55/16</td><td>Accepted

The content of active substances were not significantly decreased after accelerate storage stability test. The analytical method used (HPLC - UV) is acceptable and validated according to SANCO/3030/99 Rev. 4 (see Section B5).</td></tr>
<tr><td>Effect of low temperatures on stability
(KCP 2.7.4)</td><td></td><td></td><td>Not required.</td><td></td><td></td><td>Statement accepted</td></tr>
<tr><td>Ambient temperature shelf</td><td></td><td>Rimsulfuron 15% +</td><td><table><tr><th>Test</th><th>Results after 12</th><th>Results after 24</th></tr></table></td><td>Y</td><td>Idris Al Amin, 2017
Report no. BF-55/16</td><td>Accepted</td></tr>
</table>

<table>
<tr><th>Annex point</th><th>Method used / deviations</th><th>Test mate-rial</th><th>Findings</th><th>GLP Y/N</th><th>Reference</th><th>Acceptability / comments</th></tr>
<tr>
<td>life
(KCP 2.7.5)</td>
<td></td>
<td>Nicosulfuron 30% WG</td>
<td>
<table>
<tr><td colspan="2"></td><td>months</td><td>months</td></tr>
<tr><td colspan="2">Appearance</td><td>A mixture of gray and beige granules of characteristic odour</td><td>A mixture of gray and beige granules of characteristic odour</td></tr>
<tr><td colspan="2">pH value (1% w/v aq. sol.)</td><td>5.70</td><td>5.41</td></tr>
<tr><td colspan="2">Wet sieve test</td><td>Residue in 75 µm sieve 0.00%</td><td>Residue in 75 µm sieve 0.00%</td></tr>
<tr><td colspan="2">Wettability</td><td>7 s</td><td>3 s</td></tr>
<tr><td rowspan="2">Suspension stability</td><td>0.07 kg/400 l</td><td>89.02%</td><td>83.63%</td></tr>
<tr><td>0.1 k g/200 l</td><td>88.81%</td><td>79.45%</td></tr>
<tr><td colspan="2">Dispersion spontaneity</td><td>94.63 %</td><td>95.98%</td></tr>
<tr><td colspan="2">Granule size</td><td>fraction > 3350 µm 0.18%
fraction 2000 - 3350 µm 0.35%
fraction 1000 - 2000 µm 90.52%
fraction 500 - 1000 µm 8.29%
fraction 250 - 500 µm 0.23%
fraction 125 - 250 µm 0.14%
fraction 75 - 125 µm 0.23%
fraction < 75 µm 0.07%</td><td>fraction > 3350 µm 0.11%
fraction 2000 - 3350 µm 0.14%
fraction 1000 - 2000 µm 95.16%
fraction 500 - 1000 µm 4.29%
fraction 250 - 500 µm 0.10%
fraction 125 - 250 µm 0.06%
fraction 75 - 125 µm 0.09%
fraction < 75 µm 0.08%</td></tr>
<tr><td colspan="2">Particle size</td><td>d_{10} = 0.77 µm
d^{50} = 7.78µm
d_{90} = 23.98 µm
*Average $d_{4,3}$ = 10.06 µm
SD = 0.036 µm, RSD = 0.34%</td><td>d_{10} = 0.82 µm
d_{50} = 8.82 µm
d_{90} = 23.20 µm
*Average $d_{4,3}$ = 10.75 µm
SD = 0.212 µm, RSD = 1.97%</td></tr>
<tr><td colspan="2">Attrition resistance</td><td>99.85%</td><td>99.86%</td></tr>
</table>
</td>
<td></td>
<td>Idris Al Amin, 2018
Report no. BF-55/16</td>
<td>RMS Comment:
Active substances content and stability of packaging (PP) were tested.
All physical and chemical properties remained stable after the test and accepted.

Test carried out in PP buckets.

Storage stability – 2 years</td>
</tr>
</table>

Annex point	Method used / deviations	Test material	Findings	GLP Y/N	Reference	Acceptability / comments
			Dustiness: 0.1% / 0.00% Package evaluation: Stable white hexagon PP bucket / Stable white hexagon PP bucket Rimsulfuron / Nicosulfuron determination: Rimsulfuron: 14.76% (147.6 g/kg) Nicosulfuron 29.12% 291.2 g/kg) / Rimsulfuron: 14.58% (145.8 g/kg) Nicosulfuron 27.98% 279.8 g/kg)			
Shelf life in months (if less than 2 years) (KCP 2.7.6)			Please refer to KCP 2.7.5			Statement accepted
Wettability (KCP 2.8.1)	CIPAC MT 53.3	Rimsulfuron 15% + Nicosulfuron 30% WG	9 s	Y	Idris Al Amin, 2017 Report no. BF-55/16	Accepted
Persistence of foaming (KCP 2.8.2)	CIPAC MT 47.3 (Standard Water C)	Rimsulfuron 15% + Nicosulfuron 30% WG	0.07 kg/400 l: 10 ml after 10 s; 7 ml after 1 min; 7 ml after 3 min; 7 ml after 12 min 0.1 kg/~~400~~ l 200 l: 20 ml after 10 s; 10 ml after 1 min; 10 ml after 3 min; 10 ml after 12 min	Y	Idris Al Amin, 2017 Report no. BF-55/16	Accepted
Suspensibility (KCP 2.8.3.1)	CIPAC MT 184 (Standard Water D)	Rimsulfuron 15% + Nicosulfuron 30% WG	0.07 kg/400 l = 95.56 0.1 kg/~~400~~ l 200 l= 92.43	Y	Idris Al Amin, 2017 Report no. BF-55/16	Accepted
Spontaneity of dispersion (KCP 2.8.3.2)	CIPAC MT 174	Rimsulfuron 15% + Nicosulfuron 30% WG	98.05 %	Y	Idris Al Amin, 2017 Report no. BF-55/16	Accepted
Dispersion stability (KCP 2.8.3.3)			Not relevant for a WG formulation.			Statement accepted
Degree of			Not relevant for a WG formulation.			Statement accepted

Annex point	Method used / deviations	Test material	Findings	GLP Y/N	Reference	Acceptability / comments
dissolution and dilution stability (KCP 2.8.4)						
Particle size distribution / nominal size range of granules (KCP 2.8.5.1.1)	CIPAC MT 187	Rimsulfuron 15% + Nicosulfuron 30% WG	d_{10} = 0.69 µm d_{50} = 7.64 µm d_{90} = 21.49 µm * Average $d_{4,3}$ = 9.74 µm SD = 0.16 µm, RSD = 1.64%	Y	Idris Al Amin, 2017 Report no. BF-55/16	Accepted
Wet sieve test (KCP 2.8.5.1.2)	CIPAC MT 185	Rimsulfuron 15% + Nicosulfuron 30% WG	Residue in 75 µm sieve 0.00%	Y	Idris Al Amin, 2017 Report no. BF-55/16	Accepted
Dry sieve test	CIPAC MT 170	Rimsulfuron 15% + Nicosulfuron 30% WG	fraction > 3350 µm 0.04 % fraction 2000 - 3350 µm 0.12% fraction 1000 - 2000 µm 96.97% fraction 500 - 1000 µm 2.55% fraction 250 - 500 µm 0.04% fraction 125 - 250 µm 0.06% fraction 75 - 125 µm 0.06% fraction < 75 µm 0.14%	Y	Idris Al Amin, 2017 Report no. BF-55/16	Accepted
Dust content (KCP 2.8.5.2.1)	CIPAC MT 187	Rimsulfuron 15% + Nicosulfuron 30% WG	0.00%	Y	Idris Al Amin, 2017 Report no. BF-55/16	Accepted
Particle size of dust (KCP 2.8.5.2.2)			Please refer to KCP 2.8.5.2.1			Statement accepted
Attrition (KCP 2.8.5.3)	CIPAC MT 178.2	Rimsulfuron 15% + Nicosulfuron 30% WG	99.83%	Y	Idris Al Amin, 2017 Report no. BF-55/16	Accepted
Hardness and integrity			Not relevant for a WG formulation.			Statement accepted

Annex point	Method used / deviations	Test material	Findings	GLP Y/N	Reference	Acceptability / comments
(KCP 2.8.5.4)						
Emulsifiability (KCP 2.8.6.1)			Not relevant for a WG formulation.			Statement accepted
Emulsion stability (KCP 2.8.6.2)			Not relevant for a WG formulation.			Statement accepted
Re-emulsifiability (KCP 2.8.6.3)			Not relevant for a WG formulation.			Statement accepted
Flowability (KCP 2.8.7.1)	CIPAC MT 172 (54°C, 14 days)	Rimsulfuron 15% + Nicosulfuron 30% WG	100% after accelerated storage	Y	Idris Al Amin, 2017 Report no. BF-55/16	Accepted
Pourability (KCP 2.8.7.2)			Not relevant for a WG formulation.			Statement accepted
Dustability following accelerated storage (KCP 2.8.7.3)			Not relevant for a WG formulation.			Statement accepted
Physical compatibility of tank mixes (KCP 2.9.1)			Not relevant.			Statement accepted
Chemical compatibility of tank mixes (KCP 2.9.2)			Not relevant.			Statement accepted
Adhesion to seeds (KCP 2.10.1)			Not relevant, not used for seed treatment.			Statement accepted
Distribution to seed (KCP 2.10.2)			Not relevant, not used for seed treatment.			Statement accepted

Annex point	Method used / deviations	Test material	Findings	GLP Y/N	Reference	Acceptability / comments
Other/special studies (KCP 2.11)	GIFAP No. 17	Rimsulfuron 15% + Nicosulfuron 30% WG	After the first year storage at 20°C the shape and color of the 1 kg PP packages were stable.	Y	Idris Al Amin, 2017 Report no. BF-55/16	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)

Table 4.1-1: Packaging information for 50 g (0.100 liter bottle)

Type	Description
Material:	HDPE
Shape/size:	Round bottle / approx. 56.50 mm diameter x 69.50 mm
Opening:	42 mm inner diameter
Closure:	HDPE screw cap
Seal:	Induction heat seal
Manner of construction	extruded
UN/ADR	compliant

Table 4.1-2: Packaging information for 100 g (0.200 liter bottle)

Type	Description
Material:	HDPE
Shape/size:	Round bottle / approx. 62.0 mm diameter x 141.0 mm
Opening:	39.0 mm inner diameter
Closure:	HDPE screw cap
Seal:	Induction heat seal
Manner of construction	extruded
UN/ADR	compliant

Table 4.1-2: Packaging information for 200 g (0.500 liter bottle)

Type	Description
Material:	HDPE
Shape/size:	Round bottle / approx. 73.0 mm diameter x 180.0 mm
Opening:	39.0 mm inner diameter
Closure:	HDPE screw cap
Seal:	Induction heat seal
Manner of construction	extruded
UN/ADR	compliant

Table 4.1-2: Packaging information for 250 g (0.750 liter bottle)

Type	Description
Material:	HDPE
Shape/size:	Round bottle / approx. 89.0 mm diameter x 240.0 mm

Type	Description
Opening:	41.7 mm inner diameter
Closure:	HDPE screw cap
Seal:	Induction heat seal
Manner of construction	extruded
UN/ADR	compliant

Table 4.1-3: Packaging information for 500 g (1 liter bottle)

Type	Description
Material:	COEX (HDPE-EVOH)
Shape/size:	Round bottle / approx. 89 mm diameter x 240 mm
Opening:	41.7 mm inner diameter
Closure:	HDPE screw cap
Seal:	Induction heat seal
Manner of construction	extruded
UN/ADR	compliant

Table 4.1-4: Packaging information for 750 g (2 liter bottle)

Type	Description
Material:	HDPE
Shape/size:	jerrycan / approx. 241.0 mm x 68.0 mm x 159.7 mm
Opening:	33.80 mm inner diameter
Closure:	HDPE screw cap
Seal:	Induction heat seal
Manner of construction	extruded
UN/ADR	compliant

Table 4.1-5: Packaging information for 1000 g (5 liter bottle)

Type	Description
Material:	COEX (HDPE-EVOH)
Shape/size:	jerrycan / approx. 307 mm x 193 mm x 142 mm
Opening:	54.7 mm inner diameter
Closure:	HDPE screw cap
Seal:	Induction heat seal
Manner of construction	extruded
UN/ADR	compliant

The bags used for packaging 50, 100, 200, 250, 500, 750 and 1000 grams are obtained from a coil, and the material of these bags consists in PE* multifilm with the next layers:

Material 1:	PET (Polyenthylene terephtalato)	Thickness: 12.0 mc	Outside layer
Material 2:	ALU (Aluminium)	Thickness: 9.0 mc	Middle layer
Material 3:	PEBD TR (Thermoplastic low density polyethylene)	Thickness: 65.0 mc	Inside layer (in contact with the product)

The specifications of size for these bags are in the next tables:

Table 4.1-6: Packaging information for 50 grams

Type	Description
Material:	PE*
Shape/size:	bag / approx. 105 mm x 70 mm
Seal:	Heat seal
Manner of construction	extruded
UN/ADR	compliant

Table 4.1-7: Packaging information for 100 grams

Type	Description
Material:	PE*
Shape/size:	bag / approx. 195 mm x 130 mm
Seal:	Heat seal
Manner of construction	extruded
UN/ADR	compliant

Table 4.1-8: Packaging information for 200 grams

Type	Description
Material:	PE*
Shape/size:	bag / approx. 190 mm x 170 mm
Seal:	Heat seal
Manner of construction	extruded
UN/ADR	compliant

Table 4.1-9: Packaging information for 250 grams

Type	Description
Material:	PE*
Shape/size:	bag / approx. 190 mm x 170 mm
Seal:	Heat seal
Manner of construction	extruded

Type	Description
UN/ADR	compliant

Table 4.1-10: Packaging information for 500 grams

Type	Description
Material:	PE*
Shape/size:	bag / approx. 190 mm x 210 mm
Seal:	Heat seal
Manner of construction	extruded
UN/ADR	compliant

Table 4.1-11: Packaging information for 750 grams

Type	Description
Material:	PE*
Shape/size:	bag / approx. 190 mm x 260 mm
Seal:	Heat seal
Manner of construction	extruded
UN/ADR	compliant

Table 4.1-12: Packaging information for 1 kg

Type	Description
Material:	PE*
Shape/size:	bag / approx. 190 mm x 260 mm
Seal:	Heat seal
Manner of construction	extruded
UN/ADR	compliant

Table 4.1-13: Packaging information for 5 kg and 10 kg

Type	Description
Material:	PE
Shape/size:	- Sac / approx. 380 mm (width) x 570 mm (length) x 100 mm (bottom) Layers of sac, the three layers are of paper: 1. Semi-stretchable white (70 g/m^2) (Outside layer) 2. Straight (70 g/m^2) (Middle layer) 3. Straight (70 g/m^2) (Inside layer) - Inner bag (Low density polyethylene): approx. 390 mm (width) x 680 mm (length) [thickness:45 µm] (Layer in contact with the product)

Type	Description
Seal:	Heat seal
Manner of construction	extruded
UN/ADR	compliant

Table 4.1-14: Packaging information for 20 kg and 25 kg

Type	Description
Material:	PE
Shape/size:	- Sac / approx. 550 mm (width) x 810 mm (length) x 130 mm (bottom) Layers of sac, the three layers are of paper: 1. Semi-stretchable white (70 g/m^2) (Outside layer) 2. Semi-stretchable (70 g/m^2) (Middle layer) 3. Semi-stretchable (70 g/m^2) (Inside layer) - Inner bag (Low density polyethylene): approx. 560 mm (width) x 910 mm (length) [thickness:37 µm] (Layer in contact with the product)
Seal:	Heat seal
Manner of construction	extruded
UN/ADR	compliant

RMS Comments:
Recommended packagings are accepted.

4.2 Procedures for cleaning application equipment (KCP 4.4.2)

Experience in use of plant protection products based on Rimsulfuron and Nicosulfuron has not indicated any particular problems. Low levels of residues of COREY (Rimsulfuron 150 g/kg + Nicosulfuron 300 g/kg, WG) in the equipment are not expected to present any particular risk to crops to be treated from a tank that has previously been used for the product.

The efficacy of cleaning of the application equipment with regard to impacts on "other" crops can be estimated on the basis of the PSD Efficacy Guideline 302 (December 2001). As worst case, the following prerequisites were considered:

Application rate:	0.1 kg product/ha, (15 g rimsulfuron/ha and 30 g nicosulfuron/ha)
Tank volume:	2000 L
Volume remaining in spray lines and pump after spraying:	20 L
Spray volume:	200 L/ha (lowest spray volume corresponding to the maximum concentration of COREY in diluted spray)

Based on these prerequisites and in consideration of 3 rinses with each 300 – 500 L of water based on good agricultural cleaning procedures, Rimsulfuron and Nicosulfuron residues remaining in the tank after spraying will be diluted to the following levels:

Cleaning step	**Water volume [L]**	**Concentration of residues**		
		product [g PPP/L water]	**active substance 1 [g as/L]**	**active substance 2 [g as/L]**
Tank filling: Residues after spraying:	2000 20	0.5	0.075	0.15
1st step: 1/10 dilution of residual spray volume: Residues after spraying:	200 20	0.05	0.0075	0.015
2nd step: 20% of tank volume added: Residues after spraying:	400 20	0.0025	3.75×10^{-4}	7.5×10^{-4}
3rd step: 20% of tank volume added: Residues after spraying:	400 20	1.25×10^{-4}	1.875×10^{-5}	3.75×10^{-5}
Addition of fresh spray solution: Residues in the tank filling:	2000	1.25×10^{-6}	1.875×10^{-7}	3.75×10^{-7}

PPP = COREY as1 = Rimsulfuron; as2 = Nicosulfuron;

Residues remaining in the last cleaning solution were calculated to be 1.875×10^{-5} g/L of Rimsulfuron resulting in residue concentration of 1.875×10^{-7} g/L Rimsulfuron after refilling the tank with 2000 L of water for another spray work. Assuming a range of spray volumes of 200 – 600 L/ha applied to succeeding crops, residues of 3.75×10^{-5} – 1.125×10^{-4} g Rimsulfuron will be applied per ha.
Residues remaining in the last cleaning solution were calculated to be 3.75×10^{-5} g/L of Nicosulfuron resulting in residue concentration of 3.75×10^{-7} g/L Nicosulfuron after refilling the tank with 2000 L of water for another spray work. Assuming a range of spray volumes of 200 – 600 L/ha applied to succeeding crops, residues of 7.5×10^{-5} – 2.25×10^{-4} g Nicosulfuron will be applied per ha.

Compared to the effect levels on non-target plants, these residues are clearly below the ER_{50} (shoot length) = 8.7 g f.p./ha determined for seedling emergence and below the ER_{50} (Plant dry weight) = 3.7 g f.p./ha for Vegetative Vigour Test in the studies conducted with COREY (Pieczka, P. (2019), KCP 10.6.2-01 for seedling emergence; Pieczka, P. (2019), KCP 10.6.2-02 for Vegetative Vigour Test). Thus, any detrimental effect on plants from tank residues can be excluded.

Appendix 1 Lists of data considered in support of the evaluation

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 2.6.2 KCP 2.7.1 KCP 2.7.3 KCP 2.8.1 KCP 2.8.2 KCP 2.8.3.1 KCP 2.8.3.2 KCP 2.8.5.1.2 KCP 2.8.5.2.1 KCP 2.8.5.3 KCP 2.8.7.1	Idris Al Amin	2017	Rimsulfuron 15% + Nicosulfuron 30% WG Part I: Evaluation of physicochemical properties of the initial preparation and after accelerated storage Report No: BF-55/16 Institute of Industrial Organic Chemistry, Poland GLP Unpublished	Y	SHARDA Cropchem Limited
KCP 2.7.5 KCP 2.11	Idris Al Amin	2017	Rimsulfuron 15% + Nicosulfuron 30% WG Part II: Evaluation of physicochemical properties of preparation after the first year of storage Report No: BF-55/16 Institute of Industrial Organic Chemistry, Poland GLP Unpublished	Y	SHARDA Cropchem Limited
KCP 2.7.5	Idris Al Amin	2018	Rimsulfuron 15% + Nicosulfuron 30% WG Part III: Evaluation of physicochemical properties of preparation after the second year of storage Report No: BF-55/16	Y	SHARDA Cropchem Limited

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
			Institute of Industrial Organic Chemistry, Poland GLP Unpublished		
KCP 2.2.1	Daniel Buczkowski	2016	Rimsulfuron 15% + Nicosulfuron 30% WG Determination of explosive properties Report No: BF-25/16 Institute of Industrial Organic Chemistry, Poland GLP Unpublished	Y	SHARDA Cropchem Limited
KCP 2.2.2 KCP 2.3.1 KCP 2.3.2 KCP 2.3.3	Paulina Flasińska	2017	Rimsulfuron 15% + Nicosulfuron 30% WG Determination of flammability, relative self-ignition temperature and oxidizing properties Report No: BC-04/17 Institute of Industrial Organic Chemistry, Poland GLP	Y	SHARDA Cropchem Limited

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
-	-	-	-	-	-

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 Rimsulfuron

Not relevant. There is no additional data on the active substance Rimsulfuron.

A 2.2 Nicosulfuron

Not relevant. There is no additional data on the active substance Nicosulfuron.