

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 126000 B

Product name(s): CLARA

Chemical active substance:

Chlormequat chloride, 720 g/L

Central Zone

Zonal Rapporteur Member State: Poland

CORE ASSESSMENT

(authorization)

Applicant: Sharda Cropchem Ltd.

Submission date: February 2022

Update date: June 2023

MS Finalisation date: June 2023; October 2023

Version history

When	What
February 2022	Submission date
June 2023	Updated by the Applicant
June 2023	zRMS assessment
10/2023	The Final Registration Report

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zRMS comments:

Submitted data are sufficient for evaluation. The stability data indicate a shelf life of at least 2 years at ambient temperature.

Packaging: preparation is to be packed in containers made of COEX (HDPE/PA) and HDPE. COEX (HDPE/PA) bottle was used in storage studies (accelerated and ambient testing) and remained unaffected – packaging type is considered acceptable. For soluble concentrate extrapolation to HDPE is also acceptable.

1 Section 1: Identity of the plant protection product

1.1 Applicant (KCP 1.1)

Name: Sharda Cropchem Ltd.
Address: Prime Business Park
Dashrathlal Joshi Road
Vile Parle (West)
Mumbai – 400 056
India
Phone number: xxx
Fax number: xxx
Email: xxx
[xxx](#)

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: Sharda Cropchem Ltd.
Address: Prime Business Park
Dashrathlal Joshi Road
Vile Parle (West)
Mumbai – 400 056
India
Phone number: xxx
Fax number: xxx
Email: xxxx

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

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

Name: Sharda Cropchem Ltd.
Address: Prime Business Park
Dashrathlal Joshi Road
Vile Parle (West)
Mumbai – 400 056
India

Phone number: xxx
Fax number: xxx
Email: [xxx](#)
xxx

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 Chlormequat chloride

Chlormequat chloride	min. 636 g/kg (SANCO/175/08 final rev 2 29 May 2015) min. 900 g/kg (Sharda source)
1,2-dichloroethane	max. 0.1 g/kg (SANCO/175/08 final rev 2, 29 May 2015)
Vinyl chloride	max. 0.0005 g/kg (SANCO/175/08 final rev 2, 29 May 2015) (both on the dry chlormequat chloride content)

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

Trade name: Please refer to Registration Report Part A for the relevant country (or)
Trade name: CLARA
Company code number: SHA 126000 B
Chlormequat chloride 72% SL
Chlormequat chloride 720 SL

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)
Chlormequat chloride	720 g/L	695 – 745 g/L (± 25g/L of the declared content)	800 g/L	70.66 % w/w

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

** Based on the density of the formulation = 1.1322 g/ml

Table 1.4-2: Relevant impurities

Relevant impurity	Maximum content (g/L or g/kg) in PPP
1,2-dichloroethane	0.072 g/L
Chloroethene (vinyl chloride)	0.36 mg/L

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

Table 1.4-3: Information on chlormequat

Type	Name/Code Number	
ISO common name	chlormequat	Chlormequat chloride
CAS No.	7003-89-6	999-81-5
EC No.	-	213-666-4
CIPAC No.	143	143.302

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

Type: Soluble concentrate

[Code: SL]

1.6 Function (KCP 1.6)

The product Chlormequat chloride 72% SL is intended to be used as plant growth regulator.

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 of colourless to light yellow liquid with characteristic odour. It is not explosive, has no oxidising properties. The product is not flammable/has a flash point >130 °C. It has a self ignition temperature of 345 °C. In aqueous solution, it has a pH value around 3.8 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 2 years at ambient temperature when stored in COEX (HDPE/PA). Its technical characteristics are acceptable for a SL formulation.

The intended concentration of use is 0.43% v/v to 1.05% v/v.

No tank mixes recommended

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 Chlormequat chloride 72% SL complies with FAO specifications. Compliance with requirements for pH are not confirmed as pH 2% should be determined and the range acceptable is 2.5 to 8.

Formulation used for tests

The product used to determinate 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)	OPPTS 830.6302; OPPTS 830.6303; OPPTS 830.6304	Chlormequat chloride 72% SL (batch No. SCL-27012)	Colourless to light yellow liquid with characteristic odour	Y	xxxx	Accepted
Explosive properties (KCP 2.2.1)	Software CHETAH, version 10.0 (ASTM 2016), based on molecular structure of the main components of the formulation	Chlormequat chloride 72% SL	Chlormequat chloride 72% SL should not exhibit explosive properties.	Y N	Mena Artero B., 2022, Report No. SCE-047/2022	Accepted Explosive behaviour is not expected
Oxidizing properties (KCP 2.2.2)	Software CHETAH, version 10.0 (ASTM 2016), based on molecular structure of the main components of the formulation	Chlormequat chloride 72% SL	Chlormequat chloride 72% SL should not exhibit oxidizing properties.	Y N	Mena Artero B., 2022, Report No. SCE-047/2022	Accepted Should not exhibit oxidizing behaviours
Flash point (KCP 2.3.1)	EEC A.9	Chlormequat chloride 72% SL (batch No. SCL-27012)	>130°C	Y	xxx	Accepted Determined using a Setaflash apparatus (equilibrium closed cup method). Not flammable
Flammability	-	-	Please refer to KCP 2.3.1	-	-	See KCP 2.3.1

Annex point	Method used / deviations	Test material	Findings	GLP Y/N	Reference	Acceptability / comments																					
(KCP 2.3.2)						and 2.3.3																					
Self-heating (KCP 2.3.3)	EEC A.15	Chlormequat chloride 72% SL (batch No. SCL-27012)	Auto-ignition temp: 345°C	Y	xxx	Accepted Not auto-flammable																					
Acidity or alkalinity and pH (KCP 2.4.1)	CIPAC MT 31	Chlormequat chloride 72% SL (batch No. SCL-27012)	Acidity expressed as H ₂ SO ₄ : 0.06% w/w	Y	xxx	Accepted																					
pH of a 1% aqueous dilution, emulsion or dispersion (KCP 2.4.2)	CIPAC MT 75.3 OECD No. 122	Chlormequat chloride 72% SL (batch No. SCL-27012)	pH neat item = 1.7 pH 1% aqueous dilution = 3.8 at about 20°C	Y	xxx	Accepted Based on the results acidity test was required (see KCP 2.4.1)																					
Viscosity (KCP 2.5.1)	CIPAC MT 22.1, OECD No. 114	Chlormequat chloride 72% SL (batch No. SCL-27012)	<p>Kinematic viscosity: 13.31 cSt (mm²/s) at 20°C 6.90 cSt (mm²/s) at 40°C</p> <p>Dynamic viscosity: 15.07 cP (mPa*s) at 20°C 7.82 cP (mPa*s) at 40°C</p> <table border="1"> <thead> <tr> <th colspan="3">Kinematic viscosity:</th> </tr> <tr> <th></th> <th>Viscometer size 100</th> <th>Viscometer size 150</th> </tr> </thead> <tbody> <tr> <td>at 20°C</td> <td>13.37 cSt (mm²/s)</td> <td>13.26 cSt (mm²/s)</td> </tr> <tr> <td>at 40°C</td> <td>6.85 cSt (mm²/s)</td> <td>6.96 cSt (mm²/s)</td> </tr> </tbody> </table> <p>Dynamic viscosity:</p> <table border="1"> <thead> <tr> <th></th> <th>Viscometer size 100</th> <th>Viscometer size 150</th> </tr> </thead> <tbody> <tr> <td>at 20°C</td> <td>15.14 cP (mPa*s)</td> <td>15.01 cP (mPa*s)</td> </tr> <tr> <td>at 40°C</td> <td>7.75 cP (mPa*s)</td> <td>7.88 cP (mPa*s)</td> </tr> </tbody> </table>	Kinematic viscosity:				Viscometer size 100	Viscometer size 150	at 20°C	13.37 cSt (mm ² /s)	13.26 cSt (mm ² /s)	at 40°C	6.85 cSt (mm ² /s)	6.96 cSt (mm ² /s)		Viscometer size 100	Viscometer size 150	at 20°C	15.14 cP (mPa*s)	15.01 cP (mPa*s)	at 40°C	7.75 cP (mPa*s)	7.88 cP (mPa*s)	Y	xxx	Accepted U-tube viscosometer was used. Considered non-Newtonian. Based on the composition, not considered an aspiration hazard.
Kinematic viscosity:																											
	Viscometer size 100	Viscometer size 150																									
at 20°C	13.37 cSt (mm ² /s)	13.26 cSt (mm ² /s)																									
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Annex point	Method used / deviations	Test material	Findings	GLP Y/N	Reference	Acceptability / comments
Surface tension (KCP 2.5.2)	OECD No. 115, EEC A.5	Chlormequat chloride 72% SL (batch No. SCL-27012)	- Undiluted test item: 70.6 mN/m (20 °C) - 0.29% v/v: 73.4 mN/m (20 °C) - 1.4% v/v: 73.0 mN/m (20 °C) No surface-active material	Y	xxx	Accepted Determined at the conc. lower and higher than recommended (0.43% to 1.05% v/v). Not classified as surface-active.
Relative density (KCP 2.6.1)	CIPAC MT 3.2, OECD No. 109, EEC A.3	Chlormequat chloride 72% SL (batch No. SCL-27012)	1.1322 (20°C)	Y	xxx	Accepted
Bulk density (KCP 2.6.2)	-	-	Not relevant for SL formulation.	-	-	Not required

Annex point	Method used / deviations	Test material	Findings			GLP Y/N	Reference	Acceptability / comments
Storage Stability after 14 days at 54° C (KCP 2.7.1)	CIPAC MT 46.3 OPPTS 830.6302 OPPTS 830.6303 OPPTS 830.6304 Validated analytical methods (HPLC, GC-FID) CIPAC MT 31 CIPAC MT 75.3 OECD No. 122 CIPAC MT 47.2 CIPAC MT 41	Chlormequat chloride 72% SL (batch No. SCL-27012)	Test	Initial	2 weeks at 54°C	Y	xxxx	Accepted The change in a.s. content during storage was 1.1%. Results demonstrate the stability of a.s. and formulation following storage in commercial packaging (COEX HDPE/PA). The container remained unaltered, weight variation was negligible.
			Chlormequat chloride content	63.4 ± 1.3 % w/w 71.8 ± 1.4 % w/v	64.1 ± 1.3 % w/w 72.5 ± 1.4 % w/v			
			1,2-DCE, relevant impurity content	Lower than the L.O.D. (< 0.005 g/kg)	Lower than the L.O.D. (< 0.005 g/kg)			
			Vinyl chloride, relevant impurity content	Lower than the L.O.D. (< 0.05 mg/kg)	Lower than the L.O.D. (< 0.05 mg/kg)			
			Appearance (Colour, odour and physical state)	Colourless to light yellow liquid with characteristic odour	Colourless to light yellow liquid with characteristic odour			
			pH value (neat test item)	1.7	1.5			
			pH value (1% aqueous dilution)	3.8	3.5			
			Acidity value as H ₂ SO ₄	0.06 % w/w	0.08 % w/w			
			Dilution Stability (Standard Water C and D)	After 18 hours at 20 ± 2°C: no visual separation of solid or liquid material	After 18 hours at 20 ± 2°C: no visual separation of solid or liquid material			
			Persistent foam (Standard Water D)	Foam after 1 minute: 2.89 mL/L = 0 mL 14 mL/L = 0 mL	Foam after 1 minute: 2.89 mL/L = 0 mL 14 mL/L = 0 mL			
			Packaging (weight variation (%))	-	The product is stable in COEX bottle (-0.04%)			
			Compatibility (resistance) of the packaging material	!	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																				
Stability after storage for other periods and/or temperatures (KCP 2.7.2)	-	-	Not relevant.	-	-	Not required																				
Minimum content after heat stability testing (KCP 2.7.3)	Validated analytical method SANCO/3030/99 rev. 4		After 2 weeks at 54 ± 2°C 64.1 ± 1.3 % w/w 72.5 ± 1.4 % w/v	Y	xxx7	Accepted See KCP 2.7.1																				
Effect of low temperatures on stability (KCP 2.7.4)	CIPAC MT 39.3	Chlormequat chloride 72% SL (batch No. SCL-27012)	The Chlormequat chloride 72% SL formulation sample, after 7 days at 0 ± 2°C, did not show separation of solid or liquid material, nor changes in its physical state.	Y	xxx	Accepted No separation or precipitation. Not affected by low temperature																				
Ambient temperature shelf life (KCP 2.7.5)	-	-	Please refer to KCP 2.7.6	-	-	See KCP 2.7.6																				
Shelf life in months (if less than 2 years) (KCP 2.7.6)	OPPTS 830.6302 OPPTS 830.6303 OPPTS 830.6304 Validated analytical method CIPAC MT 31 CIPAC MT 75.3 OECD No. 122 CIPAC MT 47.2 CIPAC MT 41	Chlormequat chloride 72% SL (batch No. SCL-27012)	<table border="1"> <thead> <tr> <th>Test</th> <th>Initial</th> <th>6 months</th> <th>12 months</th> <th>24 months</th> </tr> </thead> <tbody> <tr> <td>Chlormequat chloride content</td> <td>63.4 ± 1.3 % w/w 71.8 ± 1.4 % w/v</td> <td>63.2 ± 1.3 % w/w 71.5 ± 1.4 % w/v</td> <td>63.4 ± 1.3 % w/w 71.8 ± 1.4 % w/v</td> <td>63.4 ± 1.3 % w/w 71.7 ± 1.4 % w/v</td> </tr> <tr> <td>1,2-DCE, relevant impurity content</td> <td>Lower than the L.O.D. (< 0.005 g/kg)</td> </tr> <tr> <td>Vinyl chloride, relevant impurity content</td> <td>Lower than the L.O.D. (< 0.05 mg/kg)</td> </tr> </tbody> </table>	Test	Initial	6 months	12 months	24 months	Chlormequat chloride content	63.4 ± 1.3 % w/w 71.8 ± 1.4 % w/v	63.2 ± 1.3 % w/w 71.5 ± 1.4 % w/v	63.4 ± 1.3 % w/w 71.8 ± 1.4 % w/v	63.4 ± 1.3 % w/w 71.7 ± 1.4 % w/v	1,2-DCE, relevant impurity content	Lower than the L.O.D. (< 0.005 g/kg)	Vinyl chloride, relevant impurity content	Lower than the L.O.D. (< 0.05 mg/kg)	Y	xxx	Accepted Mean temp. recorded: 19°C. Results demonstrate the stability of a.s. and formulation – no significant changes of the physical, chemical, and technical properties were						
			Test	Initial	6 months	12 months	24 months																			
			Chlormequat chloride content	63.4 ± 1.3 % w/w 71.8 ± 1.4 % w/v	63.2 ± 1.3 % w/w 71.5 ± 1.4 % w/v	63.4 ± 1.3 % w/w 71.8 ± 1.4 % w/v	63.4 ± 1.3 % w/w 71.7 ± 1.4 % w/v																			
			1,2-DCE, relevant impurity content	Lower than the L.O.D. (< 0.005 g/kg)	Lower than the L.O.D. (< 0.005 g/kg)	Lower than the L.O.D. (< 0.005 g/kg)	Lower than the L.O.D. (< 0.005 g/kg)																			
Vinyl chloride, relevant impurity content	Lower than the L.O.D. (< 0.05 mg/kg)	Lower than the L.O.D. (< 0.05 mg/kg)	Lower than the L.O.D. (< 0.05 mg/kg)	Lower than the L.O.D. (< 0.05 mg/kg)																						

Annex point	Method used / deviations	Test material	Findings					GLP Y/N	Reference	Acceptability / comments
			Appearance (Colour, odour and physical state)	Colourless to light yellow liquid with characteristic odour	Colourless to light yellow liquid with characteristic odour	Colourless to light yellow liquid with characteristic odour	Colourless to light yellow liquid with characteristic odour			observed following storage in commercial packaging (COEX HDPE/PA). The container didn't present any deformation, or loss of sample and evident corrosion phenomena, weight variation was negligible (-0.01%).
			pH value (neat test item)	1.7	1.6	1.7	1.9			
			pH value (1% aqueous dilution)	3.8	3.7	3.7	3.8			
			Acidity value as H2SO4	0.06 % w/w	0.06 % w/w	0.06 % w/w	0.10 % w/w			
			Dilution Stability (Standard Water C and D)	After 18 hours at 20 ± 2°C: no visual separation of solid or liquid material	After 18 hours at 20 ± 2°C: no visual separation of solid or liquid material	After 18 hours at 20 ± 2°C: no visual separation of solid or liquid material	After 18 hours at 20 ± 2°C: no visual separation of solid or liquid material			
			Persistent foam (Standard Water D)	Foam after 1 minute: 2.89 mL/L = 0 mL 14 mL/L = 0 mL	Foam after 1 minute: 2.89 mL/L = 0 mL 14 mL/L = 0 mL	Foam after 1 minute: 2.89 mL/L = 0 mL 14 mL/L = 0 mL	Foam after 1 minute: 2.89 mL/L = 0 mL 14 mL/L = 0 mL			
			Packaging (weight variation (%))	-	The product is stable in COEX bottle (0.06%)	The product is stable in COEX bottle. (-0.01%)	The product is stable in COEX bottle. (-0.01%)			
			Compatibility	The	The	The contain-	The			

Annex point	Method used / deviations	Test material	Findings	GLP Y/N	Reference	Acceptability / comments					
			<table border="1"> <tr> <td>(resistance) of the packaging material (Visual examination of packaging both externally and internally)</td> <td></td> <td>container didn't present any deformation in both bottom and lateral layers, or loss of sample and evident corrosion phenomena</td> <td>er didn't present any deformation in both bottom and lateral layers, or loss of sample and evident corrosion phenomena</td> <td>container didn't present any deformation in both bottom and lateral layers, or loss of sample and evident corrosion phenomena</td> </tr> </table>	(resistance) of the packaging material (Visual examination of packaging both externally and internally)		container didn't present any deformation in both bottom and lateral layers, or loss of sample and evident corrosion phenomena	er didn't present any deformation in both bottom and lateral layers, or loss of sample and evident corrosion phenomena	container didn't present any deformation in both bottom and lateral layers, or loss of sample and evident corrosion phenomena			
(resistance) of the packaging material (Visual examination of packaging both externally and internally)		container didn't present any deformation in both bottom and lateral layers, or loss of sample and evident corrosion phenomena	er didn't present any deformation in both bottom and lateral layers, or loss of sample and evident corrosion phenomena	container didn't present any deformation in both bottom and lateral layers, or loss of sample and evident corrosion phenomena							
Wettability (KCP 2.8.1)	-	-	Not relevant for SL formulation.	-	-	Not required					
Persistence of foaming (KCP 2.8.2)	CIPAC MT 47.2 (Standard Water D)	Chlormequat chloride 72% SL (batch No. SCL-27012)	0.29% (v/v) 1 min = 0 mL 12 min = 0 mL 1.4% (v/v) 1 min = 0 mL 12 min = 0 mL	Y	xxx	Accepted Determined at the conc. lower and higher than those recommended (0.43% to 1.05% v/v).					
Suspensibility (KCP 2.8.3.1)	-	-	Not relevant for SL formulation.	-	-	Not required					
Spontaneity of dispersion (KCP 2.8.3.2)	-	-	Not relevant for SL formulation.	-	-	Not required					
Dispersion stability (KCP 2.8.3.3)	-	-	Not relevant for SL formulation.	-	-	Not required					
Degree of dissolution and	CIPAC MT 41 (Standard Water C)	Chlormequat chloride 72%	5% v/v: no visual separation of solid or liquid material after 18 h at 20 ± 2°C; homogeneous	Y	xxx	Accepted					

Annex point	Method used / deviations	Test material	Findings	GLP Y/N	Reference	Acceptability / comments
dilution stability (KCP 2.8.4)	and D)	SL (batch No. SCL-27012)				Water C and D were used. No separation observed, formulation remained homogeneous.
Particle size distribution / nominal size range of granules (KCP 2.8.5.1.1)	-	-	Not relevant for SL formulation.	-	-	Not required
Wet sieve test (KCP 2.8.5.1.2)	-	-	Not relevant for SL formulation.	-	-	Not required
Dust content (KCP 2.8.5.2.1)	-	-	Not relevant for SL formulation.	-	-	Not required
Particle size of dust (KCP 2.8.5.2.2)	-	-	Not relevant for SL formulation.	-	-	Not required
Attrition (KCP 2.8.5.3)	-	-	Not relevant for SL formulation.	-	-	Not required
Hardness and integrity (KCP 2.8.5.4)	-	-	Not relevant for SL formulation.	-	-	Not required
Emulsifiability (KCP 2.8.6.1)	-	-	Not relevant for SL formulation.	-	-	Not required
Emulsion stability (KCP 2.8.6.2)	-	-	Not relevant for SL formulation.	-	-	Not required
Re-emulsifiability (KCP 2.8.6.3)	-	-	Not relevant for SL formulation.	-	-	Not required
Flowability	-	-	Not relevant for SL formulation.	-	-	Not required

Annex point	Method used / deviations	Test material	Findings	GLP Y/N	Reference	Acceptability / comments
(KCP 2.8.7.1)						
Pourability (KCP 2.8.7.2)	-	-	Not relevant for SL formulation.	-	-	Not required
Dustability following accelerated storage (KCP 2.8.7.3)	-	-	Not relevant for SL formulation.	-	-	Not required
Physical compatibility of tank mixes (KCP 2.9.1)	-	-	Not relevant.	-	-	Not required
Chemical compatibility of tank mixes (KCP 2.9.2)	-	-	Not relevant.	-	-	Not required
Adhesion to seeds (KCP 2.10.1)	-	-	Not required, the product is not intended to be applied to seeds.	-	-	Not required
Distribution to seed (KCP 2.10.2)	-	-	Not required, the product is not intended to be applied to seeds.	-	-	Not required
Other/special studies (KCP 2.11)	PSD Efficacy Guideline 302 PSD Efficacy Guideline 305	Chlormequat chloride 72% SL (batch No. SCL-27012)	% Removed for Chlormequat chloride = 100%	Y	xxx	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 comments:

Preparation is to be packed in containers made of COEX (HDPE/PA) and HDPE. COEX (HDPE/PA) bottle was used in storage studies (accelerated and ambient testing) and remained unaffected – packaging type is considered acceptable. For soluble concentrate extrapolation to HDPE is also acceptable.

Table 4.1-1: Packaging information for 0.250 liter bottle

Type	Description
Material:	COEX (HDPE/PA)
Shape/size:	Round bottle / approx. 61 mm diameter x 138.8 mm
Opening:	41.7 mm inner diameter
Closure:	HDPE screw cap
Seal:	Induction heat seal
Manner of construction	extruded
UN/ADR	compliant

Table 4.1-2: Packaging information for 0.500 liter bottle

Type	Description
Material:	COEX (HDPE/PA)
Shape/size:	Round bottle / approx. 69 mm diameter x 199.8 mm
Opening:	41.7 mm inner diameter
Closure:	HDPE screw cap
Seal:	Induction heat seal
Manner of construction	extruded
UN/ADR	compliant

Table 4.1-3: Packaging information for 1 liter bottle

Type	Description
Material:	COEX (HDPE/PA)
Shape/size:	Round bottle / approx. 88.5 mm diameter x 239.5 mm
Opening:	41.7 mm inner diameter
Closure:	HDPE screw cap
Seal:	Induction heat seal
Manner of construction	extruded

Type	Description
UN/ADR	compliant

Table 4.1-4: Packaging information for 5 liter bottle

Type	Description
Material:	COEX (HDPE/PA)
Shape/size:	jerrycan / approx. 136 mm x 192 mm x 285 mm
Opening:	54.7 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 10 liter bottle

Type	Description
Material:	COEX (HDPE/PA)
Shape/size:	jerrycan / approx. 174 mm x 226 mm x 368 mm
Opening:	54.7 mm inner diameter
Closure:	HDPE screw cap
Seal:	Induction heat seal
Manner of construction	extruded
UN/ADR	compliant

Table 4.1-6: Packaging information for 250 ml bottle

Type	Description
Material:	HDPE
Shape/size:	Round bottle / approx. 62.5 mm diameter x 128.0 mm
Opening:	41.7 mm inner diameter
Closure:	HDPE screw cap
Seal:	Induction heat seal
Manner of construction	extruded
UN/ADR	compliant

Table 4.1-7: Packaging information for 500 ml bottle

Type	Description
Material:	HDPE
Shape/size:	Round bottle / approx. 69.5 mm diameter x 188.5 mm
Opening:	41.7 mm inner diameter

Type	Description
Closure:	HDPE screw cap
Seal:	Induction heat seal
Manner of construction	extruded
UN/ADR	compliant

Table 4.1-8: Packaging information for 1 litre bottle

Type	Description
Material:	HDPE
Shape/size:	Round bottle / approx. 89.0 mm diameter x 240.0 mm
Opening:	41.7 mm inner diameter
Closure:	HDPE screw cap
Seal:	Induction heat seal
Manner of construction	extruded
UN/ADR	compliant

Table 4.1-9: Packaging information for 5 litre jerrycan

Type	Description
Material:	HDPE
Shape/size:	jerrycan / approx. 135.0 mm x 188.0 mm x 285.0 mm
Opening:	42.0 mm inner diameter
Closure:	HDPE screw cap
Seal:	Induction heat seal
Manner of construction	extruded
UN/ADR	compliant

Table 4.1-10: Packaging information for 10 litre jerrycan

Type	Description
Material:	HDPE
Shape/size:	jerrycan / approx. 192.0 mm x 232.0 mm x 313.0 mm
Opening:	42.0 mm inner diameter
Closure:	HDPE screw cap
Seal:	Induction heat seal
Manner of construction	extruded
UN/ADR	compliant

Table 4.1-11: Packaging information for 20 litre jerrycan

Type	Description
Material:	HDPE
Shape/size:	jerrycan / approx. 240.0 mm x 285.0 mm x 387.5 mm
Opening:	47.0 mm inner diameter
Closure:	HDPE screw cap
Seal:	Induction heat seal
Manner of construction	extruded
UN/ADR	compliant

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 2.3.1 KCP 2.3.2 KCP 2.4.1 KCP 2.4.2 KCP 2.5.1 KCP 2.5.2 KCP 2.6.1 KCP 2.7.4 KCP 2.8.2 KCP 2.8.4	Urbani M.	2018	Chlormequat chloride 72% SL: Two Years Storage Stability and Corrosion Characteristic Report No CH-1026/2017 ChemService S.r.l. Controlli e Ricerche GLP Unpublished	N	Sharda Cropchem Ltd.
KCP 2.2.1 KCP 2.2.2	Mena Artero B.,	2022	Chlormequat 72% SL Determination of the oxidizing properties and explosive properties Report No. SCE-047/2022 Sharda Cropchem España S.L. GLP Unpublished	N	Sharda Cropchem Ltd.
KCP 2.7.1 KCP 2.7.3	Urbani M.	2018	Chlormequat chloride 72% SL: Determination of the Accelerated Storage Stability and Corrosion Characteristics Report No CH-1030/2017 ChemService S.r.l. Controlli e Ricerche GLP Unpublished	N	Sharda Cropchem Ltd.

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 2.7.6	Urbani M.	2020	Chlormequat chloride 72% SL: Two Years Storage Stability and Corrosion Characteristic Report No CH-1031/2017 ChemService S.r.l. Controlli e Ricerche GLP Unpublished	N	Sharda Cropchem Ltd.
KCP 2.11	Urbani M.	2018	Chlormequat chloride 72% SL: Washing efficacy after application Report No CH-1069/2017 ChemService S.r.l. Controlli e Ricerche GLP Unpublished	N	Sharda Cropchem Ltd.

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 Chlormequat chloride

No new data were submitted.