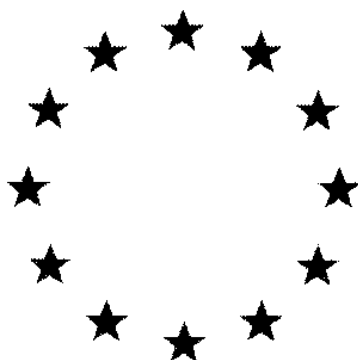


# European Commission



**Draft (Renewal) Assessment Report prepared  
according to the Commission Regulation (EC) No  
1107/2009**

**Daminozide (ISO); 4-(2,2-  
dimethylhydrazino)-4-oxobutanoic  
acid; *N*-dimethylaminosuccinamic  
acid**

**Volume 3 - B.2 (PPP) - Dazide Enhance**

Rapporteur Member State: Czech Republic  
Co-Rapporteur Member State: Hungary

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**B.2 PHYSICAL AND CHEMICAL PROPERTIES**

Details of the literature search undertaken are available. No relevant scientifically peer-reviewed open literature reference has been identified for plant protection product Dazide Enhance.

Dazide Enhance (FAL 2400) was not the formulation supported for the original Annex I inclusion of daminozide (ISO); 4-(2,2-dimethylhydrazino)-4-oxobutanoic acid; N-dimethylaminosuccinamic acid ('hereafter referred to as 'daminozide') e; therefore, the following studies have not previously been reviewed. Some properties of the product have been carried out with the similar formulation of Dazide Enhance (former recipe, also known as Dazide 85 WG, Dazide WG and Dazide SG). The formulation statement for former recipe and a comparison to FAL 2400 is in the Volume 4 CA-CP Dazide Enhance\_C (confidential information). Data can be extrapolated from former recipe to FAL 2400. All studies are submitted for the purpose of renewal.

The SP formulation (DAZIDE 85) was the representative formulation for the Annex I inclusion of Daminozide. Composition is given in Volume 4 CA-CP Dazide Enhance\_C (confidential information).

All studies have been performed in accordance with the current requirements and the results are deemed to be acceptable.

Dazide Enhance is a water soluble granule (SG) formulation containing 86% w/w daminozide as active substance. It is a white, fine granular solid and the pH of a 1% dilution is 4.09. The product is neither flammable nor auto-flammable and does not possess oxidizing or explosive properties. Dazide Enhance has good dilution, wettability, flowability and attrition characteristics, is 'nearly dust free' and does not produce excessive amounts of foam. The product has been demonstrated to be stable in studies at 54°C for 14 days and room temperature for 2 years, with no significant loss of active substance content. The packaging of the product remained free from any corrosion or degradation for the duration of the stability studies and the shelf life of the product is 24 months. HDPE packaging material was used in shelf-life study. The technical properties of Dazide Enhance indicate that no particular problems are expected when it is used as recommended and there are no implications for classification. Tested concentrations of PPP in the persistent foaming studies (min 2.85 g/L and max 6 g/L) do not cover use concentrations of PPP as stated in the proposed GAP (min 6 g/L and max 18 g/L).

The following batches have been used in the physico-chemical studies:

1. Dazide Enhance (FAL 2400) - batch XIII-NF2 (85 % Daminozide), batch 1020600001 (85.76 %), batch XIII-NF3-2 (85 %), batch 4191010 XIII-NF2 (85 %)
2. Dazide Enhance (former recipe) - batch OXXO60800 (85 %), batch PW 1805 (85.4 %), batch 4190802-II-NF2 (85 %), batch 1401107012 (84.77 %)

Table B.2 Physical and chemical properties of the plant protection product Dazide Enhance

Test or Study & Annex Point	Guideline & method(s)	Test material purity and specification	Results	RMS comments	GLP	Reference
<b>B.2.1 Appearance</b>						
<b>Physical state, colour and odour of the preparation</b>	Visual Olfactory	FAL 2400 Batch: XIII-NF2 85%	<u>Physical state</u> : extruded pellets of various length <u>Colour</u> : white <u>Odour</u> : odourless	Acceptable	Y	Atkins, B.K. (2011a), J18511
<b>B.2.2 Explosive and oxidizing properties</b>						
<b>Explosive properties of the preparation</b>	EC A.14	Dazide SG Batch: not known 85%	<u>Mechanical sensitivity</u> : BAM fall hammer shock test: 6 negative tests (no signs of ignition, explosion or decomposition) BAM friction test: 6 negative tests (no signs of ignition, explosion or decomposition) The test item has not mechanical sensitivity to explosion.  <u>Thermal stability</u> : Koenen steel tube test: 2x 3 negative tests with 6 mm and 2 mm orifice plate The test item has not thermal sensitivity to explosion.  The test material does not possess explosive properties.	Acceptable (not explosive)	Y	MAK, W.A. (2003), PML 2003-C54
<b>Oxidizing properties of the preparation</b>	EC A.17	Dazide WG Batch: OXXO60800 85%	The test item / cellulose mixtures failed to propagate combustion along the 200 mm train length(s).  The test material does not possess oxidising properties.	Acceptable (not oxidising)	Y	Parsons, A.H. (2007), J16524
<b>B.2.3 Flammability and auto-flammability of the preparation</b>						
<b>Flash point of the preparation</b>			Not applicable to SG formulations.			
<b>Flammability of the preparation, evolution on contact with water</b>	EC A.10	Dazide 85 WG Batch: PW 1805 85.4%	The test item melted and sustained a flame for 4 seconds; however, the burning did not propagate along the pile. The test material has been determined to be not highly flammable.	Acceptable (not flammable)	Y	Comb, A.L. (2002a), FNA/100/014405

Test or Study & Annex Point	Guideline & method(s)	Test material purity and specification	Results	RMS comments	GLP	Reference
Auto-flammability of the preparation	EC A.16	Dazide 85 WG Batch: PW 1805 85.4%	No exothermic reaction. The test material does not have a relative self-ignition temperature below 400°C.	Acceptable (not auto-flammable)	Y	Comb, A.L. (2002a), FNA/100/014405
<b>B.2.4 Acidity/alkalinity and pH value</b>						
Acidity / alkalinity and pH of the preparation			Acidity/alkalinity not required as the preparation is neither strongly acidic (pH < 4) nor strongly alkaline (pH > 10).			
pH of a 1% aqueous dilution, emulsion or dispersion	CIPAC MT 75.3	FAL 2400 Batch: XIII-NF2 85%	The method was carried out using an electrometric determination (pH-meter). 1 % dilution in distilled water at 25°C pH = 4.09	Acceptable	Y	Atkins, B.K. (2011a), J18511
<b>B.2.5 Viscosity and surface tension</b>						
Kinematic viscosity of the preparation			Not applicable to SG formulations.			
Dynamic viscosity of the preparation and details of the test conditions			Not applicable to SG formulations.			
Surface tension of the preparation			Not applicable to SG formulations.			
<b>B.2.6 Relative Density and Bulk Density</b>						
Relative density of the preparation			Not applicable to SG formulations.			
Bulk (tap) density	CIPAC MT 159	Dazide WG Batch: OXXO60800 85%	Pour density: 0.421 g/ml Tap density: 0.460 g/ml	Acceptable	Y	Parsons, A.H. (2007), J16524
	CIPAC MT 169	FAL 2400 Batch: XIII-NF2	Tap density: 0.563 g/ml	Acceptable	Y	Atkins, B.K. (2011a), J18511

Test or Study & Annex Point	Guideline & method(s)	Test material purity and specification	Results	RMS comments	GLP	Reference
		85%				
<b>B.2.7 Storage Stability and Shelf Life: effects of temperature on technical characteristics of the plant protection product</b>						
<b>Stability at elevated temperature</b>	CIPAC MT 46.3 (2 weeks at 54°C)	Dazide 85 WG Batch: PW 1805 85.4%	No significant decrease in active substance content was observed following the 14 day storage period. No significant variation in the technical characteristics of the product was observed following the 14-day storage period. Results for individual parameters are presented in Table B.2.7.1 below.	Acceptable (the product is stable)	Y	Comb, A.L. (2002b), FNA/101/014405
	CIPAC MT 46.3 (2 weeks at 54°C)	Dazide SG Batch: 4190802-II-NF2 85%	No significant variations in the particle size distribution or persistent foaming characteristics of the product were observed following the 14-day storage period. Results for individual parameters are presented in Table 2.7.2 below.	Acceptable (the product is stable)	Y	Parsons, A.H. (2003), J14470
	CIPAC MT 46.3 (2 weeks at 54°C)	Dazide Enhance Batch: 1401107012 84.77%	No significant decrease in active substance content and no significant increase in the content of relevant impurities UDMH and NDMA were observed following the 14-day storage period. Results for individual parameters are presented in Table 2.7.3 below.	Acceptable (the product is stable)	Y	Atkins, B.K. (2011b), J18771
	CIPAC MT 46.3 (5 months at 40°C)	FAL 2400 Batch: 1020600001 85.76%	Chemically and physically stable for 5 months at 40°C. Physical properties tested before and after storage - appearance, visual, solubility, stability of packaging. Results for individual parameters are presented in Table B.2.7.4 below.	Acceptable (the product is stable)	Y	Bates, G.J.D. (2012a), J19005
<b>Stability at 0°C for 7 days</b>			Not applicable to SG formulations.			
<b>Shelf life following storage at ambient temperature</b>	GIFAP Monograph No. 17	Dazide 85 WG Batch: PW 1805 85.4%	No significant decrease in active substance content was observed following the 24 month storage period. No significant variation in the technical characteristics of the product was observed following the 24-month storage period. Results for individual parameters are presented in Table B.2.7.1 below.	Acceptable (the product is stable)	Y	Comb, A.L. (2003), FNA/104/033834

Test or Study & Annex Point	Guideline & method(s)	Test material purity and specification	Results	RMS comments	GLP	Reference
B.2.8 Technical characteristics of the plant protection product						
Wettability	CIPAC MT 53.3	FAL 2400 Batch: XIII-NF2 85%	5 s (without swirling)	Acceptable	Y	Atkins, B.K. (2011a), J18511
Persistent foaming	CIPAC MT 47.2	FAL 2400 Batch: 4191010 XIII-NF2 85%	Minimum Concentration Rate 2.85 g/L CIPAC Water D	Acceptable	Y	White, G.A. (2011), J18509
			10 sec7 ml			
			1 min4 ml			
			3 min2 ml			
	12 min0 ml					
CIPAC MT 47.2	FAL 2400 Batch: XIII-NF3-2 85%	Maximum Concentration Rate 6 g/L CIPAC Water D	Maximum concentration rate is lower than the maximum concentration in the proposed GAP (18 g/L).  However the measured values are low and acceptable.	Y	Bates, G.J.D. (2012b), J19254	
		10 sec11 ml				
		1 min10 ml				
		3 min9 ml				
12 min5 ml						
Suspensibility, Spontaneity and dispersion stability			Not applicable to SG formulations.			
Degree of dissolution and dilution stability	CIPAC MT 179	FAL 2400 Batch: 4191010 XIII-NF2 85%	< 0.02% residue observed after 5 minutes. < 0.02% residue observed after 18 hours.  Stable dilution.	Acceptable	Y	White, G.A. (2011), J18509
	CIPAC MT 179	FAL 2400 Batch: XIII-NF2 85%	0.15% residue observed after 5 minutes. No insoluble residue observed after 18 hours.  Stable dilution.	Acceptable	Y	Atkins, B.K. (2011a), J18511
Particle size distribution, dust content, attrition and mechanical	Dry sieve CIPAC MT 58.2	FAL 2400 Batch: XIII-NF2 85%	Determinations performed in duplicate: Sieve (mm)Residue (%) 33500, 0 28000, 0	Acceptable	Y	Atkins, B.K. (2011a), J18511



Test or Study & Annex Point	Guideline & method(s)	Test material purity and specification	Results	RMS comments	GLP	Reference
stability			1700            0.1, 0.1 850             91.6, 89.3 710             6.3, 7.5 500             1.7, 2.5 425             0.1, 0.2 355             0.1, 0.1 250             < 0.1, 0.1 150             < 0.1, < 0.1 Pan             < 0.1, < 0.1  Mean percentage less than 150 µm: < 0.1% Mean percentage less than 250 µm: < 0.2%			
	Wet sieve CIPAC MT 59.3	FAL 2400 Batch: XIII-NF2 85%	0.1% retained on a 75 µm sieve	Acceptable	Y	Atkins, B.K. (2011a), J18511
	Dust content CIPAC MT 171	FAL 2400 Batch: 4191010 XIII- NF2 85%	0.3 mg of dust collected (mean of 2 determinations)	Acceptable (nearly dust free)	Y	White, G.A. (2011), J18509
	Attrition CIPAC MT 178	FAL 2400 Batch: 4191010 XIII- NF2 85%	Attrition resistance: 99.99% (mean of 2 determinations)	Acceptable	Y	White, G.A. (2011), J18509
	Hardness and Integrity		Not applicable to SG formulations.			
Emulsifiability/ Re-emulsifiability/ Emulsion stability			Not applicable to SG formulations.			
Flowability, pourability and dustability	Flowability CIPAC MT 172	Dazide 85 WG Batch: PW 1805 85.4%	The test item passed spontaneously through a 4.75 mm aperture sieve.	Acceptable	Y	Comb, A.L. (2002a), FNA/100/014405
	Pourability		Not applicable to SG formulations.			

Test or Study & Annex Point	Guideline & method(s)	Test material purity and specification	Results	RMS comments	GLP	Reference
	Dustability		Not applicable to SG formulations. (for further information please refer to dust content)			
<b>B.2.9 Physical compatibility with other products including plant protection products with which its use is to be authorised</b>						
Physical compatibility of tank mixes			The preparation is not recommended to be used in tank mixes.			
Chemical compatibility of tank mixes			The preparation is not recommended to be used in tank mixes.			
<b>B.2.10 Adherence and distribution to seeds</b>						
Distribution (seed treatment)			Not required as the preparation is not recommended for seed treatment.			
Adhesion (seed treatment)			Not required as the preparation is not recommended for seed treatment.			
<b>B.2.11 Other studies</b>						
Other studies			None			

#### Summary and Assessment of Physical, Chemical and Technical Properties for Dazide Enhance

Dazide Enhance is a water soluble granule (SG) formulation containing 85.1% w/w daminozide as active substance. It is a white, fine granular solid and the pH of a 1% dilution is 4.1. The product is neither flammable nor auto-flammable and does not possess oxidizing or explosive properties. Dazide Enhance has good dilution, wettability, flowability and attrition characteristics, is 'nearly dust free' and does not produce excessive amounts of foam. The product has been demonstrated to be stable in studies at 54°C for 14 days and room temperature for 2 years, with no significant loss of active substance content. The packaging of the product remained free from any corrosion or degradation for the duration of the stability studies and the shelf life of the product is 24 months. The technical properties of Dazide Enhance indicate that no particular problems are expected when it is used as recommended and there are no implications for classification.

**Table 2.7.1 Storage Stability Data (Comb, 2002 & 2003)**

Test	Method	Initial	14 Days at 54 ± 2°C	6 Months at Room Temperature	12 Months at Room Temperature	24 Months at Room Temperature
Daminozide content	HPLC Method (FNA104/033834)	84.6% w/w	85.0% w/w	85.1% w/w	84.0% w/w	83.2% w/w
Physical state	Visual	Fine, granular solid	Fine, granular solid	Granular solid	Granular solid	Granular solid
Colour	Visual	White, Munsell: N9.5/90.0% R	White	White, Munsell: N9.5/90.0% R	White, Munsell: N9.5/90.0% R	White, Munsell: N9.5/90.0% R
Packaging	Visual	1L white, HDPE bottles free from defects. No signs of swelling, discolouring or damage observed.	1L white, HDPE bottles free from defects. No signs of swelling, discolouring or damage observed.	1L white, HDPE bottles free from defects. No signs of swelling, discolouring or damage observed.	1L white, HDPE bottles free from defects. No signs of swelling, discolouring or damage observed.	1L white, HDPE bottles free from defects. No signs of swelling, discolouring or damage observed.
Weight change	Gravimetric	1. 740.8 g 2. 1010.6 g 3. 972.3 g 4. 1000.6 g	4. 999.5 g	1. 741.4 g 2. 1011.5 g 3. 972.8 g	2. 1012.9 g 3. 973.6 g	3. 974.4 g
pH value	CIPAC MT 75.2	4.0	4.0	4.0	4.0	4.1
Acidity/Alkalinity	CIPAC MT 31.2	23.1% as H <sub>2</sub> SO <sub>4</sub>	23.2% as H <sub>2</sub> SO <sub>4</sub>	22.3% as H <sub>2</sub> SO <sub>4</sub>	22.7% as H <sub>2</sub> SO <sub>4</sub>	22.5% as H <sub>2</sub> SO <sub>4</sub>
Wettability	CIPAC MT 53.3.1	4 seconds	3 seconds	4 seconds	6 seconds	4 seconds
Persistent Foam	CIPAC MT 47.2	0.5% w/v, CIPAC D Initial: 79 mL 10 second: 71 mL 1 minute : 65 mL 3 minute: 59 mL 12 minute: 26 mL	0.5% w/v, CIPAC D Initial: 79 mL 10 second: 71 mL 1 minute : 65 mL 3 minute: 59 mL 12 minute: 26 mL	0.5% w/v, CIPAC D Initial: 94 mL 10 second: 76 mL 1 minute : 69 mL 3 minute: 66 mL 12 minute: 32 mL	0.5% w/v, CIPAC D Initial: 91 mL 10 second: 86 mL 1 minute : 76 mL 3 minute: 71 mL 12 minute: 35 mL	0.5% w/v, CIPAC D Initial: 75 mL 10 second: 70 mL 1 minute : 66 mL 3 minute: 64 mL 12 minute: 37 mL
Wet sieve test	CIPAC MT 59.3	0.02% remained on a 75 µm sieve	0.08% remained on a 75 µm sieve	0.03% remained on a 75 µm sieve	0.01% remained on a 75 µm sieve	0.01% remained on a 75 µm sieve
Dilution Stability	CIPAC MT 179	After 5 minutes: 0.18% After 18 hours: 0.05%	After 5 minutes: 0.26% After 18 hours: 0.06%	After 5 minutes: 0.08% After 18 hours: 0.02%	After 5 minutes: 0.26% After 18 hours: 0.07%	After 5 minutes: 0.13% After 18 hours: 0.03%
Particle size	CIPAC MT 58.2	Percentage less than 250	Percentage less than 250	Percentage less than 250	Percentage less than 250	Percentage less than 250

Test	Method	Initial	14 Days at 54 ± 2°C	6 Months at Room Temperature	12 Months at Room Temperature	24 Months at Room Temperature
distribution		µm: 5.1% Percentage less than 150 µm: 3.1%	µm: 2.8% Percentage less than 150 µm: 1.8%	µm: 3.5% Percentage less than 150 µm: 2.2%	µm: 4.5% Percentage less than 150 µm: 2.7%	µm: 6.6% Percentage less than 150 µm: 4.2%
Dust content	CIPAC MT 171	3.7 mg of dust collected: 'nearly dust free'	0.8 mg of dust collected: 'nearly dust free'	0.2 mg of dust collected: 'nearly dust free'	1.9 mg of dust collected: 'nearly dust free'	1.6 mg of dust collected: 'nearly dust free'
Friability and Attrition	CIPAC MT 178	Attrition resistance: 96.8%	Attrition resistance: 98.1%	Attrition resistance: 94.9%	Attrition resistance: 96.3%	Attrition resistance: 95.8%

**Table 2.7.2 Accelerated Storage Stability Data (Parsons, 2003)**

Test	Method	Initial		14 Days at 54 ± 2°C	
Persistent Foam	CIPAC MT 47.2	0.285% w/v, CIPAC D 10 seconds: 12 mL 1 minute : 11 mL 3 minute: 9 mL 12 minute: 8 mL		0.285% w/v, CIPAC D 10 second: 12 mL 1 minute : 11 mL 3 minute: 10 mL 12 minute: 9 mL	
Particle size distribution	CIPAC MT 58.2	Sieve (µm)	Residue (%)	Sieve (µm)	Residue (%)
		850	96.2	850	95.4
		710	2.68	710	2.97
		500	0.42	500	0.63
		425	0.03	425	0.03
		355	<0.01	355	0.01
		250	0.02	250	0.02
		150	0.04	150	0.05
		125	0.02	125	0.05
		90	0.06	90	0.08
		63	0.07	63	0.12
		45	0.11	45	0.16
		Pan	0.19	Pan	0.32
		Percentage less than 250 µm: 0.49%		Percentage less than 250 µm: 0.78%	
		Percentage less than 150 µm: 0.45%		Percentage less than 150 µm: 0.73%	

**Table 2.7.3 Accelerated Storage Stability Data (Atkins, 2011b)**

Test	Method	Initial	14 Days at 54 ± 2°C
Daminozide content	HPLC Method M485 (J16147)	86.9 % w/w	86.8 % w/w
UDMH content	HPLC Method M487 (J17929)	< 0.1 mg/kg	< 0.1 mg/kg
NDMA content	HPLC Method M487 (J17929)	< 0.1 mg/kg	< 0.1 mg/kg
Physical State	Visual	Extruded pellets of various lengths	Extruded pellets of various lengths
Colour	Visual	White	White
Pack Stability	Visual	500 g white HDPE bottle, with screw cap sealed and unbroken. Structural integrity intact. No signs of discolouration, panelling, blowing, softening, hardening, cracking, frosting, or crazing. No sign of leakage. No evidence of pack/preparation interactions	500 g white HDPE bottle, with screw cap sealed and unbroken. Structural integrity intact. No signs of discolouration, panelling, blowing, softening, hardening, cracking, frosting, or crazing. No sign of leakage. No evidence of pack/preparation interactions
Weight change	Gravimetric	-	0.03 % (Loss)

**Table 2.7.4 Storage Stability Data (Bates, 2012a)**

Test	Method	Initial	3 Months at 40°C	5 Months at 40°C
Daminozide content	HPLC Method M741 (J19126)	84.9% w/w	85.2% w/w	85.5% w/w
Physical state, colour	Visual	White, irregular-sized, extruded solid with an elongated circular shape. No signs of contamination.	White, irregular-sized, extruded solid. No change from initial sample	White, irregular-sized, extruded solid. No change from initial sample
Packaging	Visual	White cylindrical 500g HDPE plastic bottles with a screw cap.	White cylindrical 500g HDPE plastic bottles with a screw cap. No signs of panelling, blowing etc. No discolouration of surfaces or leaks.	White cylindrical 500g HDPE plastic bottles with a screw cap. No signs of panelling, blowing etc. No discolouration of surfaces or leaks.

Test	Method	Initial	3 Months at 40°C	5 Months at 40°C
Weight Loss	Gravimetric	-	0.87 g (-0.17%)	0.70 g (-0.14%)
Visual Solubility	Visual	No turbidity, sediment cream or layering	Not applicable	No turbidity, sediment cream or layering

## B.2.12 References 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	Data protection claimed Y/N	Justification if data protection is claimed	Owner
B.2.1 B.2.4 B.2.6/02 B.2.8.1 B.2.8.4/02 B.2.8.5.1	Atkins, B.K.	2011a	Physical and chemical properties for the FAL 2400 formulation G C Laboratories Ltd., Report No. J18511 GLP Unpublished	N	Y	New data for AIR3 renewal	Fine Agrochemicals Limited
B.2.2/01	Mak, W.A.	2003	Explosive Properties of Dazide SG. TNO. Report No. PML 2003-C54 GLP Unpublished	N	Y	New data for AIR3 renewal	Fine Agrochemicals Limited
B.2.2/02 B.2.6/01	Parsons, A.H.	2007	Physico-Chemical Testing of Dazide 85 WSG (testing facility J16524) GC Laboratories Ltd. Report No. Ref. J16524 GLP Unpublished	N	Y	New data for AIR3 renewal	Fine Agrochemicals Limited
B.2.3 B.2.8.7	Comb, A.L.	2002a	Dazide 85 WG Physico-chemical Properties Huntingdon Life Sciences Ltd, UK. Report No. FNA/100/014405 GLP Unpublished	N	Y	New data for AIR3 renewal	Fine Agrochemicals Limited
B.2.7/01	Comb, A.L.	2002b	Dazide 85 WG Accelerated storage stability Huntingdon Life Sciences Ltd, UK. Report No. FNA101/014405 GLP Unpublished	N	Y	New data for AIR3 renewal	Fine Agrochemicals Limited
B.2.7/02	Parsons, A.H.	2003	Determination of the Particle Size Distribution and Persistent Foaming of Dazide SG Formulation G.C. Laboratories Ltd. Report No. J14470 GLP Unpublished	N	Y	New data for AIR3 renewal	Fine Agrochemicals 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	Data protection claimed Y/N	Justification if data protection is claimed	Owner
B.2.7/03	Atkins, B.K.	2011b	Accelerated storage stability study on Dazide Enhance formulation GC Laboratories Ltd. Report No. J18771 GLP Unpublished	N	Y	New data for AIR3 renewal	Fine Agrochemicals Limited
B.2.7/04	Bates, G.J.D.	2012a	Accelerated Storage Stability Trial for the FAL 2400 Formulation G C Laboratories Ltd., Report No. J19005 GLP Unpublished	N	Y	New data for AIR3 renewal	Fine Agrochemicals Limited
B.2.7/05	Comb, A.L.	2003	Dazide 85 WG Two Year Storage Stability Huntingdon Life Sciences Ltd, UK. Report No. FNA/104/033834 GLP Unpublished	N	Y	New data for AIR3 renewal	Fine Agrochemicals Limited
B.2.8.2/01 B.2.8.4/01 B.2.8.5.2 B.2.8.5.3	White, G.A.	2011	Attrition resistance, dust content, persistent foam and dilution stability of FAL 2400 G.C. Laboratories Ltd. Report No. J18509 GLP Unpublished	N	Y	New data for AIR3 renewal	Fine Agrochemicals Limited
B.2.8.2/02	Bates, G.J.D	2012b	Determination of the Persistent Foam on the Dazide Enhance and FAL 2400 Formulations G.C. Laboratories Ltd. Report No. J19254 GLP Unpublished	N	Y	New data for AIR3 renewal	Fine Agrochemicals Limited