according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



# MAXFORCE QUANTUM RB

Version	Revision Date:	SDS Number:	Date of last issue: 23.01.2024
1.4	03.04.2024	11221792-00005	Date of first issue: 25.05.2023

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Trade name	:	MAXFORCE QUANTUM RB
Product code	:	Article/SKU: 81765375 UVP: 79212690 Specification: 102000018213 Authorization/Biozid-Zulassung No: AT- 0010770-0000
Unique Formula Identifier (UFI)	:	WHJ0-K0A2-D00P-3G6D

## 1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the Sub- stance/Mixture	: Insecticide	
Recommended restrictions on use	: Not applicable	

#### 1.3 Details of the supplier of the safety data sheet

Company	:	2022 ES Deutschland GmbH Alfred-Nobel Straße 50 40789 Monheim am Rhein, Germany
Telephone	:	+49 2173 9935239

E-mail address of person	: pest-partner@envu.com
responsible for the SDS	

## 1.4 Emergency telephone number

Vergiftungsinformationszentrale der Gesundheit Österreich GmbH: +43 (0) 1 406 43 43 (24h)

## **SECTION 2: Hazards identification**

## 2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)					
Long-term (chronic) aquatic hazard, Cat- egory 1	H410: Very toxic to aquatic life with long lasting effects.				

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



# MAXFORCE QUANTUM RB

Version 1.4	Revision Date: 03.04.2024	-	DS Number: 1221792-0000	Date of last issue: 23.01.2024 5 Date of first issue: 25.05.2023
1.4	00.04.2024		1221132 0000	5 Date of inst 1330c. 20.00.2025
2.2 Label	elements			
Labe	elling (REGULATION (E	C) I	No 1272/2008	
Haza	rd pictograms	:		
Signa	al word	:	Warning	
Haza	rd statements	:	H410	Very toxic to aquatic life with long lasting effects.
Prec	autionary statements	:	Prevention: P273	Avoid release to the environment.
			<b>Response:</b> P391	Collect spillage.
			<b>Disposal:</b> P501	Dispose of contents/ container to an approved waste disposal plant.

## 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

Chemical nature : Bait (ready for use) (RB)

#### Components

Chemical name	CAS-No. EC-No.	Classification	Concentration (% w/w)
	Index-No.		()0 (0,00)
	Registration number		
Imidacloprid	138261-41-3	Acute Tox. 3; H301	>= 0,025 - <
	428-040-8	Aquatic Acute 1;	0,1
	612-252-00-4	H400	
		Aquatic Chronic 1;	
		H410	

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



# MAXFORCE QUANTUM RB

Version 1.4	Revision Date: 03.04.2024	SDS Number: 11221792-00005	Date of last issue: 23.01.2024 Date of first issue: 25.05.2023
			M-Factor (Acute aquatic toxicity): 100 M-Factor (Chronic aquatic toxicity): 1.000
			Acute toxicity esti- mate
			Acute oral toxicity: 131 mg/kg

For explanation of abbreviations see section 16.

## **SECTION 4: First aid measures**

## 4.1 Description of first aid measures

General advice	:	In the case of accident or if you feel unwell, seek medical ad- vice immediately. When symptoms persist or in all cases of doubt seek medical advice.
Protection of first-aiders	:	First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists (see section 8).
If inhaled	:	If inhaled, remove to fresh air. Get medical attention if symptoms occur.
In case of skin contact	:	Wash with water and soap as a precaution. Get medical attention if symptoms occur.
In case of eye contact	:	Flush eyes with water as a precaution. Get medical attention if irritation develops and persists.
If swallowed	:	If swallowed, DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water.
4.2 Most important symptoms	ande	effects, both acute and delayed
Symptoms	:	If large amounts are ingested, the following symptoms may occur: Nausea Abdominal pain Dizziness Symptoms and hazards refer to effects observed after intake of significant amounts of the active ingredient(s). Due to its low concentration intake of a hazardous amount of

active ingredient from this formulation is unlikely.

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



# MAXFORCE QUANTUM RB

Version 1.4	Revision Date: 03.04.2024	SDS Number: 11221792-00005	Date of last issue: 23.01.2024 Date of first issue: 25.05.2023
Risks		: This product co	ntains a nicotinoid.
4.3 Indica	tion of any immedia	te medical attention a	nd special treatment needed
Treatr	nent	In case of inges cases of signific However, the ap sulphate is alwa Monitor: respira Appropriate sup	cific antidote available. tion gastric lavage should be considered in ant ingestions only within the first 2 hours. oplication of activated charcoal and sodium

## **SECTION 5: Firefighting measures**

#### 5.1 Extinguishing media

Suitable extinguishing media	:	Water spray Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical
Unsuitable extinguishing media	:	High volume water jet

## 5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-	:	Exposure to combustion products may be a hazard to health.
fighting		

Hazardous combustion prod- : Carbon oxides ucts

## 5.3 Advice for firefighters

Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.
Specific extinguishing meth- ods	:	Use extinguishing measures that are appropriate to local cir- cumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area.

## **SECTION 6: Accidental release measures**

#### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	Use personal protective equipment.	
	Follow safe handling advice (see section 7) and personal pro-	
	tective equipment recommendations (see section 8).	

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



# MAXFORCE QUANTUM RB

Version	Revision Date:	SDS Number:	Date of last issue: 23.01.2024
1.4	03.04.2024	11221792-00005	Date of first issue: 25.05.2023

## 6.2 Environmental precautions

Environmental precautions	:	Avoid release to the environment.
		Prevent further leakage or spillage if safe to do so.
		Retain and dispose of contaminated wash water.
		Local authorities should be advised if significant spillages cannot be contained.

## 6.3 Methods and material for containment and cleaning up

	Local or national regulations may apply to releases and dis- posal of this material, as well as those materials and items employed in the cleanup of releases. You will need to deter- mine which regulations are applicable. Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.
--	---

## 6.4 Reference to other sections

See sections: 7, 8, 11, 12 and 13.

## **SECTION 7: Handling and storage**

#### 7.1 Precautions for safe handling

Technical measures	:	See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.
Local/Total ventilation	:	Use only with adequate ventilation.
Advice on safe handling	:	Avoid breathing vapours. Do not swallow. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure as- sessment Take care to prevent spills, waste and minimize release to the environment.
Hygiene measures	:	If exposure to chemical is likely during typical use, provide eye flushing systems and safety showers close to the working place. When using do not eat, drink or smoke. Wash contami- nated clothing before re-use.

## 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers	:	Keep in properly labelled containers. Store in accordance with the particular national regulations.
Advice on common storage	:	Do not store with the following product types:

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



# MAXFORCE QUANTUM RB

Version 1.4	Revision Date: 03.04.2024	SDS Number: 11221792-000	
		Strong ox	idizing agents
Stora	ige class (TRGS 510)	: 11	
7.3 Speci	fic end use(s)		
Spec	ific use(s)	: Refer to the	ne label and/or leaflet.
SECTIO	N 8: Exposure cont	rols/personal p	protection
8.1 Contro	ol parameters		
Occu	pational Exposure L	imits	
Conta	ains no substances wit	h occupational ex	<pre></pre>
8.2 Expos	sure controls		
Engi	neering measures		
	re adequate ventilation nize workplace exposu		
Pers	onal protective equip	ment	
Eye/f	ace protection	Safety gla	following personal protective equipment: isses t should conform to ÖNORM EN 166
Hand	protection		
М	aterial	: Nitrile rubł	per
	reak through time	: 480 min	
	love thickness irective	: 0,4 mm : Equipmen	t should conform to ÖNORM EN 374
R	emarks	on the cor stance and we recomm aforementi er. Wash I Please ob breakthrou gloves. Al tions unde	loves to protect hands against chemicals depending incentration and quantity of the hazardous sub- d specific to place of work. For special applications, mend clarifying the resistance to chemicals of the ioned protective gloves with the glove manufactur- hands before breaks and at the end of workday. serve the instructions regarding permeability and ugh time which are provided by the supplier of the so take into consideration the specific local condi- er which the product is used, such as the danger of sion, and the contact time.
Skin	and body protection		act must be avoided by using impervious protective gloves, aprons, boots, etc).
Resp	iratory protection	sure asse	e local exhaust ventilation is not available or expo- ssment demonstrates exposures outside the rec- d guidelines, use respiratory protection.

Equipment should conform to ÖNORM EN 143

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



# MAXFORCE QUANTUM RB

Version	Revision Date:	SDS Number:	Date of last issue: 23.01.2024	
1.4	03.04.2024	11221792-00005	Date of first issue: 25.05.2023	

Filter type : Particulates type (P)

# **SECTION 9: Physical and chemical properties**

# 9.1 Information on basic physical and chemical properties Physical state : gel Colour : colourless, light yellow Odour : characteristic, very faint Odour Threshold : No data available

Melting point/freezing point	:	No data available
Initial boiling point and boiling range	:	No data available

Flammability (solid, gas)	:	Not classified as a flammability hazard
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Upper explosion limit / Upper	:	No data available	
flammability limit			

Lower explosion limit / Lower	:	No data available
flammability limit		

Flash point	: > 100,00 °C

Auto-ignition temperature	:	No data available
Decomposition temperature	:	175 °C Heating rate: 3 K/min (for a component of this mixture) exothermic
рН	:	4 - 6 (23 °C) Concentration: 10 %
Viscosity		

## Viscosity, dynamic : >= 5.400 mPa.s (20 °C)

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



# MAXFORCE QUANTUM RB

Versi 1.4	ion	Revision Date: 03.04.2024		S Number: 21792-00005	Date of last issue: 23.01.2024 Date of first issue: 25.05.2023
	Vise	cosity, kinematic	:	Not applicable	
:	Solubil Wa	ity(ies) ter solubility	:	soluble	
	Partitio octano	n coefficient: n- I/water	:	Not applicable	
Ņ	Vapour	r pressure	:	Not applicable	
I	Density	/	:	1,43 g/cm³ (20,00	) °C)
I	Relativ	e vapour density	:	Not applicable	
I		e characteristics ticle size	:	No data available	
9.2 O	Other i	nformation			
	Explos		:	Not explosive Method: OECD T	est Guideline 113
(	Oxidizi	ng properties	:	The substance or	mixture is not classified as oxidizing.
;	Self-igr	nition	:	380 °C Method: Tested a	according to Directive 92/69/EEC.
I	Evapor	ation rate	:	Not applicable	
I	Minimu	im ignition energy	:	Not applicable	
I	Molecu	ılar weight	:	No data available	

## **SECTION 10: Stability and reactivity**

## 10.1 Reactivity

Not classified as a reactivity hazard.

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



Version 1.4	n Revision Date: 03.04.2024	-	0S Number: 221792-00005	Date of last issue: 23.01.2024 Date of first issue: 25.05.2023
	hemical stability			
	able under normal condition			
	ossibility of hazardous rea	cti		
Ha	azardous reactions	:	Can react with s	trong oxidizing agents.
10.4 C	onditions to avoid			
C	onditions to avoid	:	None known.	
10.5 Ir	compatible materials			
М	aterials to avoid	:	Oxidizing agents	
10.6 H	azardous decomposition p	oro	lucts	
	b hazardous decomposition			
SECT	ION 11: Toxicological in	for	mation	
	formation on hazard class		-	ulation (EC) No 1272/2008
	formation on likely routes of	:	Skin contact	
ex	posure		Ingestion Eye contact	
			,	
A	cute toxicity			
N	ot classified based on availal	ble	information.	
<u>P</u>	roduct:			
A	cute oral toxicity	:	LD50 (Rat): > 2.5	00 mg/kg on data from similar materials
A	cute dermal toxicity	:	LD50 (Rat): > 2.0 Remarks: Based	00 mg/kg on data from similar materials
<u>C</u>	omponents:			
In	nidacloprid:			
A	cute oral toxicity	:	LD50 (Mouse, ma Method: OECD T	
A	cute inhalation toxicity	:	LC50 (Rat): > 5,3	
			Exposure time: 4 Test atmosphere:	
A	cute dermal toxicity	:	LD50 (Rat): > 5.0	
	,			
S	kin corrosion/irritation			
N	ot classified based on availab	ble	information.	

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



Vers 1.4	sion	Revision Date: 03.04.2024		DS Number: 221792-00005	Date of last issue: 23.01.2024 Date of first issue: 25.05.2023
	Produc	<u>:t:</u>			
	Species	3	:	Rabbit	
	Result		:	No skin irritation	
	Remark	(S	:	Based on data fro	m similar materials
	<u>Compo</u>	onents:			
	Imidac	loprid:			
	Species	3	:	Rabbit	
	Result		:	No skin irritation	
	Seriou	s eye damage/eye ir	ritat	ion	
	Not cla	ssified based on availa	ble	information.	
	<u>Produc</u>	<u>::</u>			
	Species	6	:	Rabbit	
	Result		:	No eye irritation	
	Remark	(S	:	Based on data fro	m similar materials
	<u>Compo</u>	onents:			
	Imidac	loprid:			
	Species	3	:	Rabbit	
	Result		:	No eye irritation	
	Respira	atory or skin sensitis	atio	n	
		ensitisation			
	Not cla	ssified based on availa	ble	information.	
	•	atory sensitisation			
	Not cla	ssified based on availa	ble	information.	
	Produc				
	Test Ty		:	Magnusson-Kligm	an-Test
		ire routes	:	Skin contact	
	Species		:	Guinea pig	
	Method		:	OECD Test Guide	line 406
	Result			negative	
	<u>Compo</u>	onents:			
	Imidac	loprid:			
	Test Ty	rpe	:	Magnusson-Kligm	an-Test
		ire routes	:	Skin contact	
	Species	6	:	Guinea pig	
	Method		:	OECD Test Guide	line 406
	Result		:	negative	

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



# MAXFORCE QUANTUM RB

Version 1.4	Revision Date: 03.04.2024	-	OS Number: 221792-00005	Date of last issue: 23.01.2024 Date of first issue: 25.05.2023
	cell mutagenicity assified based on availa	ble	information.	
<u>Comp</u>	<u>oonents:</u>			
Imida	cloprid:			
Genot	oxicity in vitro	:	Test Type: Bacter Result: negative	rial reverse mutation assay (AMES)
			Test Type: In vitro Result: negative	mammalian cell gene mutation test
			Test Type: Chrom Result: negative	osome aberration test in vitro
Carci	nogenicity			
Not cl	assified based on availa	ble	information.	
-	oductive toxicity assified based on availa	ble	information.	
<u>Comp</u>	oonents:			
	<b>icloprid:</b> s on foetal develop-	:	Test Type: Embry Species: Rat Application Route Result: negative	vo-foetal development : Ingestion
	<b>- single exposure</b> assified based on availa	ble	information.	
	• repeated exposure assified based on availa	ble	information.	
Repe	ated dose toxicity			
Comp	oonents:			
Imida	cloprid:			

Species	: Mouse, male
LOAEL	: 17 mg/kg
Application Route	: Ingestion
Exposure time	: 24 Months

## Aspiration toxicity

Not classified based on available information.

## 11.2 Information on other hazards

#### Endocrine disrupting properties

#### Product:

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



Version 1.4	Revision Date: 03.04.2024		9S Number: 221792-00005	Date of last issue: 23.01.2024 Date of first issue: 25.05.2023	
Ass	essment	:	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.		
SECTIO	ON 12: Ecological infor	ma	tion		
12.1 To	cicity				
	<u>duct:</u> icity to fish	:	Exposure time: 96 Method: OECD Te		
	icity to daphnia and other atic invertebrates	:	Exposure time: 48 Method: OECD Te		
			Exposure time: 24 Method: OECD Te		
			EC50 : 0,001020 Exposure time: 96 Remarks: Based o		
Tox plar	icity to algae/aquatic its	:	Exposure time: 72 Method: OECD Te		
aqu	icity to daphnia and other atic invertebrates (Chron- oxicity)	:		3 d nus riparius (harlequin fly) on data from similar materials	
			EC10: 0,024 µg/l Exposure time: 28 Remarks: Based o	d on data from similar materials	
<u>Cor</u>	nponents:				
	dacloprid:				
Тох	icity to fish	:	LC50 (Oncorhync Exposure time: 96	hus mykiss (rainbow trout)): 211 mg/l 3 h	
Tox	icity to daphnia and other	:	EC50 : 0,0027 mg	j/l	

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



Version 1.4	Revision Date: 03.04.2024		DS Number: Date of last issue: 23.01.2024 Date of first issue: 25.05.2023
aquat	ic invertebrates		Exposure time: 48 h
Toxici plants	ity to algae/aquatic	:	ErC50 (Desmodesmus subspicatus (green algae)): > 10 mg/l Exposure time: 96 h Method: OECD Test Guideline 201
			NOEC (Desmodesmus subspicatus (green algae)): >= 10 mg/l Exposure time: 96 h Method: OECD Test Guideline 201
M-Fao icity)	ctor (Acute aquatic tox-	:	100
Toxici	ity to microorganisms	:	NOEC (activated sludge): 5.600 mg/l Exposure time: 3 h
Toxici icity)	ity to fish (Chronic tox-	:	NOEC: 9,02 mg/l Exposure time: 91 d Species: Oncorhynchus mykiss (rainbow trout) Method: OECD Test Guideline 210
	ity to daphnia and other ic invertebrates (Chron-icity)	:	EC10: 0,000056 mg/l Exposure time: 21 d
M-Fac toxicit	ctor (Chronic aquatic ty)	:	1.000
12.2 Persi	stence and degradabi	lity	
<u>Com</u>	oonents:		
	a <b>cloprid:</b> gradability	:	Result: not rapidly degradable
12.3 Bioa	ccumulative potential		
<u>Com</u> p	oonents:		
Partiti	acloprid: ion coefficient: n- ol/water	:	log Pow: 0,57
<b>12.4 Mobi</b> No da	<b>lity in soil</b> ata available		
12.5 Resu	Its of PBT and vPvB a	sse	ssment
Produ			
Asses	ssment	:	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



# MAXFORCE QUANTUM RB

	ate of last issue: 23.01.2024 ate of first issue: 25.05.2023
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0.1% or higher.

## 12.6 Endocrine disrupting properties

## Product:

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## 12.7 Other adverse effects

No data available

## **SECTION 13: Disposal considerations**

#### 13.1 Waste treatment methods

Product	:	It is best to use all of the product in accordance with label directions. If it is necessary to dispose of unused product, please follow container label instructions and applicable local guidelines. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities. Do not dispose of waste into sewer.
Contaminated packaging	:	Follow advice on product label and/or leaflet. Empty containers retain residue and can be dangerous. Do not re-use empty containers.
Waste Code	:	The following Waste Codes are only suggestions:
		used product 20 01 19, pesticides
		unused product 20 01 19, pesticides
		uncleaned packagings 15 01 10, packaging containing residues of or contaminated by hazardous substances

## **SECTION 14: Transport information**

#### 14.1 UN number or ID number

ADN	:	UN 3077
ADR	:	UN 3077

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



Version 1.4	Revision Date: 03.04.2024		OS Number: 221792-00005		te of last issue: 23.01.2024 te of first issue: 25.05.2023
RID		:	UN 3077		
IMDG	i	:	UN 3077		
ΙΑΤΑ		:	UN 3077		
14.2 UN p	roper shipping name				
ADN		:	ENVIRONMENTA N.O.S. (Imidacloprid)	LLY	HAZARDOUS SUBSTANCE, SOLID,
ADR		:	ENVIRONMENTA N.O.S. (Imidacloprid)	LLY	HAZARDOUS SUBSTANCE, SOLID,
RID		:	ENVIRONMENTA N.O.S. (Imidacloprid)	LLY	HAZARDOUS SUBSTANCE, SOLID,
IMDG	i	:	ENVIRONMENTA N.O.S. (Imidacloprid)	LLY	HAZARDOUS SUBSTANCE, SOLID,
ΙΑΤΑ		:	Environmentally h (Imidacloprid)	naza	rdous substance, solid, n.o.s.
14.3 Trans	sport hazard class(es)				
			Class		Subsidiary risks
ADN		:	9		
ADR		:	9		
RID		:	9		
IMDG	ì	:	9		
ΙΑΤΑ		:	9		
14.4 Pack	ing group				
Class	ng group ification Code rd Identification Number s	:	III M7 90 9		
Class Hazar Labels Tunne <b>RID</b> Packi Class	el restriction code ng group ification Code rd Identification Number		III M7 90 9 (-) III M7 90 9		

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



# MAXFORCE QUANTUM RB

Version 1.4	Revision Date: 03.04.2024		DS Number: 221792-00005	Date of last issue: 23.01.2024 Date of first issue: 25.05.2023
<b>IMDG</b> Packi Labels EmS	ng group s	:	III 9 F-A, S-F	
Packi aircra Packi	ng instruction (LQ) ng group	:	956 Y956 III Miscellaneous	
Packi ger ai Packi	ng instruction (LQ) ng group	:	956 Y956 III Miscellaneous	
14.5 Envir	onmental hazards			
ADR	onmentally hazardous	:	yes	
RID	onmentally hazardous	:	yes	
<b>IMDG</b> Marin	e pollutant	:	yes	
	(Passenger) onmentally hazardous	:	yes	
Enviro	(Cargo) onmentally hazardous	:	yes	

## 14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

## 14.7 Maritime transport in bulk according to IMO instruments

Remarks

: Not applicable for product as supplied.

## **SECTION 15: Regulatory information**

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

REACH - Restrictions on the manufacture, placing on : Not applicable the market and use of certain dangerous substances, mixtures and articles (Annex XVII)

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



# MAXFORCE QUANTUM RB

Version 1.4	Revision Date: 03.04.2024	SDS Number: 11221792-00005		of last issue: 23.01.2 of first issue: 25.05.2	
	ACH - Candidate List of S ncern for Authorisation (Ar		n	: Not applicable	
	gulation (EC) No 1005/200 te the ozone layer	9 on substances that o	de-	: Not applicable	
	gulation (EU) 2019/1021 o ts (recast)	n persistent organic po	ollu-	: Not applicable	
me	gulation (EU) No 649/2012 Int and the Council concern dangerous chemicals			: Imidacloprid	
	ACH - List of substances s nnex XIV)	subject to authorisation		: Not applicable	
cor Pro	gulation (EU) No 528/2012 ncerning the making availa oduct Type tive substance	ble on the market and	use of		
0		Imidacloprid			
	veso III: Directive 2012/18/ jor-accident hazards involv			nt and of the Council	on the control of
E1		ENVIRONMENTA HAZARDS	AL.	Quantity 1 100 t	Quantity 2 200 t
Wa ny)	ater hazard class (Germa-	: WGK 3 highly ha Classification acc		s to water to AwSV, Annex 1 (5	5.2)
Vo	latile organic compounds		ated po	24 November 2010 o Illution prevention an	
	emical safety assessmer ical Safety Assessment ha				
SECTI	ON 16: Other informati	on			

Other information	:	Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.
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## Full text of H-Statements

H301 :	Toxic if swallowed.
H400 :	Very toxic to aquatic life.
H410 :	Very toxic to aquatic life with long lasting effects.

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



# MAXFORCE QUANTUM RB

Version	Revision Date:	SDS Number:	Date of last issue: 23.01.2024
1.4	03.04.2024	11221792-00005	Date of first issue: 25.05.2023

#### Full text of other abbreviations

Acute Tox.	:	Acute toxicity
Aquatic Acute	:	Short-term (acute) aquatic hazard
Aquatic Chronic	:	Long-term (chronic) aquatic hazard

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AllC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA -European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization: IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI -Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

#### **Further information**

Sources of key data used to : compile the Safety Data Sheet

Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, http://echa.europa.eu/

#### Classification of the mixture:

H410

Aquatic Chronic 1

Classification procedure:

Based on product data or assessment

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



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Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.

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