



Vers 3.1	sion	Revision Date: 2024/01/25		S Number: 08133-00005	Date of last issue: 2023/11/22 Date of first issue: 2022/07/05
1. P	RODUC	T AND COMPANY IDE	ENT	IFICATION	
	Product	tname	:	Diflubenzuron Fo	ormulation
	Other m	neans of identification	:	Magnum (A0077	04)
	Manufa	ncturer or supplier's d	letai	ls	
	Compa	ny	:	MSD	
	Address	8	:	126 E. Lincoln Av Rahway, New Je	venue rsey U.S.A. 07065
	Telepho	one	:	908-740-4000	
	Emerge	ency telephone number	:	1-908-423-6000	
	E-mail a	address	:	EHSDATASTEW	/ARD@msd.com
	Recom	mended use of the ch	nem	ical and restriction	ons on use
		mended use	:	Veterinary produ	ct
	Restrict	ions on use	:	Not applicable	
2. H	AZARD	S IDENTIFICATION			
		assification	:	Category 1	

lation		
Short-term (acute) aquatic hazard	:	Category 1
Long-term (chronic) aquatic hazard	:	Category 1
GHS label elements Hazard pictograms	:	
Signal word	:	Danger
Hazard statements	:	H318 Causes serious eye damage. H410 Very toxic to aquatic life with long lasting effects.
Precautionary statements	:	Prevention:



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P273 Avoid release to the environment. P280 Wear eye protection/ face protection.

Response:

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor. P391 Collect spillage.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards which do not result in classification None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)
Nonylphenol, ethoxylated	9016-45-9	>= 3 -< 10
N-[[(4-chlorophenyl)amino]carbonyl]-2,6- difluorobenzamide	35367-38-5	>= 2.5 -< 10

4. 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.
If inhaled	:	If inhaled, remove to fresh air. Get medical attention if symptoms occur.
In case of skin contact	:	In case of contact, immediately flush skin with soap and plenty of water.
In case of eye contact	:	Get medical attention if symptoms occur. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lens, if worn.
If swallowed	:	Get medical attention immediately. If swallowed, DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water.
Most important symptoms and effects, both acute and delayed	:	Causes serious eye damage.
Protection of first-aiders	:	First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment



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	otes to physician	:		l for exposure exists (see section 8). cally and supportively.
J. FIKE	FIGHTING MEASURES			
	itable extinguishing media	:	Water spray Alcohol-resistant f Carbon dioxide (C Dry chemical	
	isuitable extinguishing edia	:	None known.	
Sp fig	becific hazards during fire-	:		bustion products may be a hazard to health.
Ha uc	izardous combustion prod- ts	:	Carbon oxides Chlorine compour Nitrogen oxides (N Fluorine compoun Metal oxides Phosphorus comp	NOx) ds
Sp od	ecific extinguishing meth- s	:	cumstances and t Use water spray to Remove undamag so.	measures that are appropriate to local cir- he surrounding environment. cool unopened containers. ged containers from fire area if it is safe to do
	ecial protective equipment firefighters	:	Evacuate area. In the event of fire Use personal prot	, wear self-contained breathing apparatus. ective equipment.
6. ACC	IDENTAL RELEASE MEAS	SUF	ES	
tive	ersonal precautions, protec- e equipment and emer- ncy procedures	:		ective equipment. ng advice (see section 7) and personal pro- recommendations (see section 8).
En	vironmental precautions	:	Prevent spreading barriers). Retain and dispos	akage or spillage if safe to do so. g over a wide area (e.g. by containment or oil e of contaminated wash water. should be advised if significant spillages
	ethods and materials for ntainment and cleaning up	:	For large spills, pr ment to keep mate be pumped, store Clean up remainin bent. Local or national r posal of this mate employed in the c	absorbent material. ovide dyking or other appropriate contain- erial from spreading. If dyked material can recovered material in appropriate container. og materials from spill with suitable absor- egulations may apply to releases and dis- rial, as well as those materials and items leanup of releases. You will need to deter- tions are applicable.



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				5 of this SDS provide information regarding tional requirements.		
7. HAND	LING AND STORAGE					
Tec	hnical measures			measures under EXPOSURE SONAL PROTECTION section.		
	al/Total ventilation ice on safe handling	: Use only Do not a Do not a Do not a Avoid pi Handle practice sessme Keep co	y with ade preathe mi swallow. get in eyes colonged of in accorda , based or nt ontainer tig re to prev	quate ventilation. st or vapours.		
	ditions for safe storage erials to avoid	Keep tig Store in : Do not s	 Keep in properly labelled containers. Keep tightly closed. Store in accordance with the particular national regulations. Do not store with the following product types: Strong oxidizing agents 			

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
N-[[(4- chlorophenyl)amino]carbonyl]- 2,6-difluorobenzamide	35367-38-5	TWA	100 µg/m3 (OEB 2)	Internal

Engineering measures:Use appropriate engineering controls and manufacturing
technologies to control airborne concentrations (e.g., drip-
less quick connections).
All engineering controls should be implemented by facility
design and operated in accordance with GMP principles to
protect products, workers, and the environment.
Containment technologies suitable for controlling compounds
are required to control at source and to prevent migration of
the compound to uncontrolled areas (e.g., open-face con-
tainment devices).
Minimize open handling.Personal protective equipmentIf adequate local exhaust ventilation is not available or expo-

Respiratory protection : If adequate local exhaust ventilation is not available or exposure assessment demonstrates exposures outside the rec-



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	ter type protection	ommended guid : Particulates type	elines, use respiratory protection.
Ма	aterial	: Chemical-resista	ant gloves
	emarks protection	If the work envir mists or aerosol Wear a faceshie	e gloving. sses with side shields or goggles. onment or activity involves dusty conditions s, wear the appropriate goggles. Id or other full face protection if there is a ct contact to the face with dusts, mists, or
Skin and body protection		task being perfo posable suits) to	garments should be used based upon the rmed (e.g., sleevelets, apron, gauntlets, dis avoid exposed skin surfaces. degowning techniques to remove potential
Hygie	ne measures	: If exposure to cheve flushing sysing place. When using do n Wash contamina The effective op engineering con appropriate dege	nemical is likely during typical use, provide tems and safety showers close to the work- not eat, drink or smoke. ated clothing before re-use. eration of a facility should include review of trols, proper personal protective equipment owning and decontamination procedures, ne monitoring, medical surveillance and the

Appearance	:	Aqueous solution, suspension
Colour	:	No data available
Odour	:	No data available
Odour Threshold	:	No data available
рН	:	No data available
Melting point/freezing point	:	No data available
Initial boiling point and boiling range	:	No data available
Flash point	:	No data available
Evaporation rate	:	No data available
Flammability (solid, gas)	:	Not applicable



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	Flamma	ability (liquids)	:	No data available	9
		explosion limit / Upper bility limit	:	No data available	9
		explosion limit / Lower bility limit	:	No data available	9
	Vapour	pressure	:	No data available	9
	Relative	e vapour density	:	No data available	9
	Relative	e density	:	No data available	9
	Density		:	No data available	9
	Solubili Wat	ty(ies) er solubility	:	No data available	9
	Partition octanol	n coefficient: n-	:	Not applicable	
		nition temperature	:	No data available	9
	Decom	position temperature	:	No data available	9
	Viscosi [.] Visc	ty cosity, kinematic	:	No data available	9
	Explosi	ve properties	:	Not explosive	
	Oxidizir	ng properties	:	The substance o	r mixture is not classified as oxidizing.
	Molecu	lar weight	:	No data available	9
	Particle	size	:	Not applicable	

10. STABILITY AND REACTIVITY

Reactivity	:	Not classified as a reactivity hazard.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reac- tions	:	Can react with strong oxidizing agents.
Conditions to avoid	:	None known.
Incompatible materials	:	Oxidizing agents
Hazardous decomposition products	:	No hazardous decomposition products are known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of : Inhalation



ersion 1	Revision Date: 2024/01/25	SDS Number: 10808133-00005	Date of last issue: 2023/11/2 Date of first issue: 2022/07/0
expos	ure	Skin contact Ingestion Eye contact	
	e toxicity assified based on availa	able information.	
<u>Prod</u> ı	ıct:		
	oral toxicity	: Acute toxicity ex Method: Calcula	stimate: > 2,000 mg/kg ation method
<u>Comp</u>	oonents:		
Nony	Iphenol, ethoxylated:		
Acute	oral toxicity	: LD50 (Rat): 500) - 2,000 mg/kg
	-chlorophenyl)amino]	• •	
Acute	oral toxicity	: LD50 (Rat): 4,6	40 mg/kg
Acute	inhalation toxicity	: LC50 (Rat): > 2 Exposure time: Test atmospher Method: OECD	4 h
Acute	dermal toxicity	: LD50 (Rabbit): Method: OECD	> 2,000 mg/kg Test Guideline 402
•	corrosion/irritation		
	assified based on availa	able information.	
Comp	oonents:		
•	Iphenol, ethoxylated:		
Specie Metho		: Rabbit : OECD Test Gui	deline 404
Resul		: No skin irritation	
N-[[(4	-chlorophenyl)amino]	carbonyl]-2,6-difluo	robenzamide:
Speci	es	: Rabbit	
Metho		: OECD Test Gui	
Resul	τ	: No skin irritatior	1
	us eye damage/eye irr es serious eye damage.		
	oonents:		
	Iphenol, ethoxylated:		
Speci		: Rabbit	
Resul		: Irreversible effe	cts on the eye
		7 / 15	



sion	Revision Date: 2024/01/25	SDS Number: 10808133-00005	Date of last issue: 2023/11/22 Date of first issue: 2022/07/05
Metho	od	: OECD Test Guid	deline 405
N-[[(4 Speci		o]carbonyl]-2,6-difluor : Rabbit	obenzamide:
Resul		: No eye irritation	
Method		: OECD Test Guid	deline 405
Resp	iratory or skin sensi	itisation	
Skins	sensitisation		
Not cl	assified based on ava	ailable information.	
Resp	iratory sensitisation	1	
•	assified based on ava		
<u>Comp</u>	oonents:		
Nony	Iphenol, ethoxylated	d:	
Test 7	Гуре	: Maximisation Te	st
Expos	sure routes	: Skin contact	
Speci		: Guinea pig	
Resul		: negative	
Rema	irks	: Based on data fr	om similar materials
N-[[(4	-chlorophenyl)amin	o]carbonyl]-2,6-difluor	obenzamide:
Test 1		: Buehler Test	
	sure routes	: Skin contact	
Speci		: Guinea pig	
Metho		: OECD Test Guid	deline 406
Resul	t	: negative	
Germ	cell mutagenicity		
Not cl	assified based on ava	ailable information.	
<u>Comp</u>	oonents:		
Nony	Iphenol, ethoxylated	d:	
Geno	toxicity in vitro		erial reverse mutation assay (AMES
		Result: negative	
		Remarks: Based	l on data from similar materials
N-[[(4	-chlorophenyl)amin	o]carbonyl]-2,6-difluor	obenzamide:
Geno	toxicity in vitro		erial reverse mutation assay (AMES Test Guideline 471
			mosome aberration test in vitro Test Guideline 473

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ersion 1	Revision Date: 2024/01/25	SDS Number: 10808133-000	Date of last issue: 2023/11/22 Date of first issue: 2022/07/05
Geno	toxicity in vivo	Species: N	Rodent dominant lethal test (germ cell) (in vivo) louse n Route: Intraperitoneal injection
		Result: ne	
	i nogenicity lassified based on ava	ilable information	
Com	ponents:		
N-[[(4	I-chlorophenyl)amin	o]carbonyl]-2,6-d	ifluorobenzamide:
Spec		: Rat	
	cation Route sure time	: Ingestion : 104 weeks	
Resu		: negative	
Repr	oductive toxicity		
Not c	lassified based on ava	ilable information	
Com	ponents:		
N-[[(4	I-chlorophenyl)amin	o]carbonyl]-2,6-d	ifluorobenzamide:
Effec	ts on fertility		Two-generation reproduction toxicity study
		Species: R Applicatior Result: neg	Route: Ingestion
Effec	ts on foetal develop-		Embryo-foetal development
ment		Species: R	
		Result: ne	n Route: Ingestion gative
STO	Γ - single exposure		
Not c	lassified based on ava	ilable information	
STO	F - repeated exposure	9	
Not c	lassified based on ava	ilable information	
Com	ponents:		
	I-chlorophenyl)amin		ifluorobenzamide:
	sure routes	: Ingestion	
-	et Organs ssment		produce significant health effects in animals at con-
			s of >10 to 100 mg/kg bw.
	sure routes		(dust/mist/fume)
	et Organs ssment		produce significant health effects in animals at con- of >0.02 to 0.2 mg/l/6h/d.
_		: Skin conta	ct
Expo	sure routes	. Okin oonta	





rgans ent d dose toxicity <u>ents:</u> lorophenyl)amino]c on Route time	: arb :	centrations of >2	e significant health effects in animals at con 0 to 200 mg/kg bw.
ents: lorophenyl)amino]c on Route time	:	Rat 81 mg/kg Ingestion	obenzamide:
lorophenyl)amino]c on Route time on Route	:	Rat 81 mg/kg Ingestion	obenzamide:
on Route time on Route	:	Rat 81 mg/kg Ingestion	obenzamide:
time on Route		81 mg/kg Ingestion	
	:		
	:	Rabbit > 322 mg/kg Skin contact 28 Days	
n Route time	::	Rat > 0.1 mg/l inhalation (dust/n 28 Days	nist/fume)
		information.	
ity			
ents:			
enol, ethoxylated: o fish	:	Exposure time: 9	es promelas (fathead minnow)): > 0.1 - 1 mg 6 h on data from similar materials
o daphnia and other vertebrates	:	Exposure time: 4	nia dubia (water flea)): > 0.1 - 1 mg/l 8 h on data from similar materials
o algae/aquatic	:	mg/l Exposure time: 7 Method: OECD T	rum capricornutum (green algae)): > 1 - 10 2 h rest Guideline 201 on data from similar materials
		Exposure time: 7	um capricornutum (green algae)): > 1 mg/l 2 h rest Guideline 201
	time on toxicity ified based on availa CAL INFORMATION ity ents: enol, ethoxylated: o fish o daphnia and other vertebrates	time : on toxicity ified based on available CAL INFORMATION ity ents: enol, ethoxylated: o fish : o daphnia and other : vertebrates	 > 0.1 mg/l inhalation (dust/m inhalation (dust/m 28 Days intoxicity ified based on available information. CAL INFORMATION ity ents: enol, ethoxylated: b fish LC50 (Pimephale Exposure time: 9 Remarks: Based b daphnia and other vertebrates b algae/aquatic ErC50 (Ceriodaph Exposure time: 4 Remarks: Based c algae/aquatic ErC50 (Selenastr mg/l Exposure time: 7 Method: OECD T Remarks: Based



rsion	Revision Date: 2024/01/25		S Number: 808133-00005	Date of last issue: 2023/11/22 Date of first issue: 2022/07/05
			Remarks: Based	on data from similar materials
M-Fac icity)	ctor (Acute aquatic tox-	:	1	
Toxicity to fish (Chronic tox- icity)		:	Exposure time: 1	atipes (Japanese medaka)): > 0.1 - 1 mg/l 00 d on data from similar materials
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)		:	NOEC (Mysidopsis bahia (opossum shrimp)): > 0.001 - 0.01 mg/l Exposure time: 28 d Remarks: Based on data from similar materials	
M-Fac toxicit	ctor (Chronic aquatic y)	:	10	
N-[[(4	-chlorophenyl)amino]c	ark	onyl]-2,6-difluor	obenzamide:
	ty to fish	:	LC50 (Cyprinodo mg/l Exposure time: 9	on variegatus (sheepshead minnow)): > 0.1
	Toxicity to daphnia and other aquatic invertebrates		EC50 (Daphnia r Exposure time: 4	nagna (Water flea)): 0.00026 mg/l 8 h
Toxicity to algae/aquatic plants		:	Exposure time: 7	um capricornutum (green algae)): > 0.2 mg ′2 h icity at the limit of solubility
M-Fac icity)	ctor (Acute aquatic tox-	:	1,000	
• /	Toxicity to fish (Chronic tox-		NOEC (Pimephales promelas (fathead minnow)): 0.1 mg/ Exposure time: 35 d	
	ty to daphnia and other ic invertebrates (Chron- city)	:	NOEC (Daphnia Exposure time: 2	magna (Water flea)): 0.00004 mg/l 1 d
	ctor (Chronic aquatic	:	1,000	
Persi	stence and degradabili	ty		
Comp	oonents:			
Nonv	Iphenol, ethoxylated:			
-	gradability	:		ily biodegradable. on data from similar materials
N-[[(4	-chlorophenyl)amino]c	ark	onyl]-2.6-difluor	obenzamide:
	gradability	:	Result: Not read	ily biodegradable. Fest Guideline 301



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	cumulative potential			
Comp	oonents:			
Partiti	Iphenol, ethoxylated: on coefficient: n- ol/water	:	log Pow: 4.48	
	-chlorophenyl)amino cumulation]cart :	Species: Lepomi	obenzamide: s macrochirus (Bluegill sunfish) factor (BCF): 78 - 360
	on coefficient: n- ol/water	:	log Pow: < 4	
	ity in soil ta available			
	r adverse effects ta available			
. DISPO	SAL CONSIDERATIO	NS		
Dispo	sal methods			
	e from residues	:	Dispose of in acc	f waste into sewer. cordance with local regulations.
	minated nackaging		Empty containers	s should be taken to an approved waste ha
Conta	minated packaging	•	dling site for recy	cling or disposal. pecified: Dispose of as unused product.
	SPORT INFORMATIO	N	dling site for recy	cling or disposal.
. TRANS		N	dling site for recy	cling or disposal.
. TRANS Interr UNR1	SPORT INFORMATIO	N	dling site for recy If not otherwise s	cling or disposal.
. TRANS Interr UNRT UN nu	SPORT INFORMATIO	N :	UN 3082 ENVIRONMENT	rcling or disposal. pecified: Dispose of as unused product.
. TRANS Interr UNRT UN nu	SPORT INFORMATION national Regulations TDG umber	N	UN 3082 ENVIRONMENT N.O.S.	ALLY HAZARDOUS SUBSTANCE, LIQUIE
Interr UNRT UN nu Prope Class	SPORT INFORMATIO	N : :	dling site for recy If not otherwise s UN 3082 ENVIRONMENT N.O.S. (N-[[(4-chloroph 9	ALLY HAZARDOUS SUBSTANCE, LIQUIE
Interr UNRT UN nu Prope Class Packin	SPORT INFORMATION national Regulations TDG umber er shipping name	N 	UN 3082 ENVIRONMENT N.O.S. (N-[[(4-chloroph 9 III	ALLY HAZARDOUS SUBSTANCE, LIQUIE
Interr UNRT UN nu Prope Class Packin Labels	SPORT INFORMATION national Regulations TDG umber er shipping name	N	dling site for recy If not otherwise s UN 3082 ENVIRONMENT N.O.S. (N-[[(4-chloroph 9	ALLY HAZARDOUS SUBSTANCE, LIQUIE
- TRANS	SPORT INFORMATION national Regulations TDG umber er shipping name ng group s onmentally hazardous DGR	N 1	dling site for recy If not otherwise s ENVIRONMENT N.O.S. (N-[[(4-chloroph 9 III 9 yes	ALLY HAZARDOUS SUBSTANCE, LIQUIE
Labels Enviro UN/ID	SPORT INFORMATION national Regulations TDG umber er shipping name ng group s onmentally hazardous DGR 0 No.	N	dling site for recy If not otherwise s UN 3082 ENVIRONMENT N.O.S. (N-[[(4-chloroph 9 III 9 yes UN 3082	ALLY HAZARDOUS SUBSTANCE, LIQUIE
Labels Enviro UN/ID	SPORT INFORMATION national Regulations TDG umber er shipping name ng group s onmentally hazardous DGR	N 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	dling site for recy If not otherwise s UN 3082 ENVIRONMENT N.O.S. (N-[[(4-chloroph 9 III 9 yes UN 3082 Environmentally	hazardous substance, liquid, n.o.s.
- TRANS	SPORT INFORMATION national Regulations TDG umber er shipping name ang group s onmentally hazardous DGR 0 No. er shipping name	N 	UN 3082 ENVIRONMENT N.O.S. (N-[[(4-chloroph 9 III 9 yes UN 3082 Environmentally (N-[[(4-chloroph 9	hazardous substance, liquid, n.o.s.
- TRANS	SPORT INFORMATION national Regulations TDG umber er shipping name ang group s onmentally hazardous DGR 0 No. er shipping name ang group	N	UN 3082 ENVIRONMENT N.O.S. (N-[[(4-chloroph 9 III 9 yes UN 3082 Environmentally (N-[[(4-chloroph 9 III	hazardous substance, liquid, n.o.s.
Labels Class Packin Labels Prope Class Packin Labels Enviro IATA- UN/ID Prope Class Packin Labels	SPORT INFORMATION national Regulations TDG umber er shipping name ang group s onmentally hazardous DGR 0 No. er shipping name ang group	N N : : : : : : : : : : : : : : : : : :	UN 3082 ENVIRONMENT N.O.S. (N-[[(4-chloroph 9 III 9 yes UN 3082 Environmentally (N-[[(4-chloroph 9	ALLY HAZARDOUS SUBSTANCE, LIQUIE



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	ing instruction (passen- ircraft)	: 964	Ļ	
Ēnvir	onmentally hazardous	: yes	;	
	G-Code	· 11N	3082	
	UN number Proper shipping name		VIRONMENT	ALLY HAZARDOUS SUBSTANCE, LIQUID, nyl)amino]carbonyl]-2,6-difluorobenzamide)
Class	Class			
Pack	ing group	: 111		
Labe		: 9		
	Code		, S-F	
Marir	Marine pollutant		6	
Tran	sport in bulk according	g to Ann	ex II of MARF	OL 73/78 and the IBC Code
Not a	pplicable for product as	supplied		
Spec	ial precautions for use	er		

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.

15. REGULATORY INFORMATION

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

Minister of Industry Regulation No. 23/M-IND/PER/4/2013 concerning the Revision of Minister of Industry Regulation No. 87/M-IND/PER/9/2009 concerning Globally Harmonized System of Classification and Labelling of Chemicals.

Regulation of the Minister of Health No. 472 of 1996 on the Safeguarding of Substances Hazardous to Health

Hazardous substances that must be registered : Not applicable

Government Regulation No.	74 of 2001	on the Management	of Hazardous and	Toxic Sub-
stances				

Hazardous substances approved for use	:	Not applicable
Prohibited substances	:	Not applicable
Restricted substances	:	Not applicable

Regulation of the Ministry of Trade No. 7 of 2022 on Distribution and Control of Hazardous Materials

Type of hazardous materials subject to distribution and : Not applicable control, Annex I

Type of hazardous materials subject to distribution and : Not applicable control, Annex II



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0.1	202 1/0 1/20	10000100 00000	

The components of this product are reported in the following inventories:

AICS	:	not determined
DSL	:	not determined
IECSC	:	not determined

16. OTHER INFORMATION

Revision Date	:	2024/01/25
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 Agen- cy, http://echa.europa.eu/
Date format	:	yyyy/mm/dd

Full text of other abbreviations

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR -Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); 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; ERG - Emergency Response Guide; 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; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; 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; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recom-



Diflubenzuron Formulation

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mendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

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. 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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