

Diazinon (9%) Liquid Formulation

Version	Revision Date:	SDS Number:	Date of last issue: 27.11.2023
4.1	28.09.2024	10842828-00006	Date of first issue: 26.08.2022

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name Other means of identification	:	Diazinon (9%) Liquid Formulation Coopers Gold Spray-on Off-Shears Sheep Lice Treatment (86314)				
Manufacturer or supplier's c	leta	ails				
Company name of supplier Address Telephone	:	MSD 126 E. Lincoln Avenue Rahway, New Jersey U.S.A. 07065 908-740-4000				
Emergency telephone E-mail address	:	1-908-423-6000 EHSDATASTEWARD@msd.com				
Recommended use of the chemical and restrictions on use						
Recommended use Restrictions on use	:	Veterinary product Not applicable				

SECTION 2. HAZARDS IDENTIFICATION

GHS	Classification
0110	olaboliloulioli

Acute toxicity (Oral)	:	Category 5
Skin corrosion/irritation	:	Category 3
Serious eye damage/eye irritation	:	Category 1
Skin sensitization	:	Category 1
Germ cell mutagenicity	:	Category 2
Carcinogenicity	:	Category 1B
Reproductive toxicity	:	Category 1B
Specific target organ toxicity - single exposure	:	Category 1 (Nervous system)
Specific target organ toxicity - repeated exposure	:	Category 2 (Nervous system, nasal cavity)
GHS label elements		
Hazard pictograms	:	
Signal Word	:	Danger
Hazard Statements	:	H303 May be harmful if swallowed. H316 Causes mild skin irritation.



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		H318 Causes se H341 Suspected H350 May caus H360Df May da fertility. H370 Causes da H373 May caus	e an allergic skin reaction. erious eye damage. d of causing genetic defects. e cancer. mage the unborn child. Suspected of damaging amage to organs (Nervous system). e damage to organs (Nervous system, nasal prolonged or repeated exposure.
Preca	utionary Statements	Prevention:	
		P202 Do not ha and understood P260 Do not bre P264 Wash skir P270 Do not ea P272 Contamina the workplace.	ecial instructions before use. Indle until all safety precautions have been read the mist or vapors. In thoroughly after handling. It, drink or smoke when using this product. ated work clothing should not be allowed out of ective gloves/ protective clothing/ eye protection/
		Response:	
		P302 + P352 IF P305 + P351 + water for severa and easy to do. CENTER or doo P308 + P311 IF CENTER/ docto P333 + P313 If attention. P362 + P364 Ta reuse.	exposed or concerned: Call a POISON
		Storage: P405 Store lock	ed up.
		Disposal:	f contents/ container to an approved waste dis-
Other	• hazards		
	known.		

Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)
Dibutyl phthalate	84-74-2	>= 50 -< 70
Diazinon	333-41-5	>= 5 -< 10
Calcium dodecylbenzenesulphonate	26264-06-2	>= 5 -< 10



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				1		
	ols, C12-15, ethoxylate		68131-39-5	>= 1 -< 3		
oxabio	bicyclo[4.1.0]hept-3-yln cyclo[4.1.0]heptane-3-c	arboxylate	2386-87-0	>= 1 -< 5		
pyraz	5-Dihydro-3-methyl-5-o) ol-4-ylidene)methyl]-2,4 nyl-3H-pyrazol-3-one		4702-90-3	>= 1 -< 5		
ECTION	4. FIRST AID MEASUF	RES				
Gene	ral advice	advice imme	diately.	eel unwell, seek medical cases of doubt seek medical		
lf inha	aled	: If inhaled, rei Get medical	move to fresh air. attention.			
In cas	e of skin contact	Remove con Get medical Wash clothin	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.			
In cas	e of eye contact	: In case of co for at least 19 If easy to do,	ntact, immediately fl	ush eyes with plenty of water s, if worn.		
lf swa	llowed	: If swallowed, Get medical Rinse mouth	DO NOT induce vor attention. thoroughly with wate	miting.		
	important symptoms ffects, both acute and ed	: May be harm Causes mild May cause a Causes seric Suspected of May cause c May damage fertility. Causes dam	Iful if swallowed. skin irritation. n allergic skin reaction ous eye damage. f causing genetic def ancer. the unborn child. Su age to organs.	on.		
Protec	ction of first-aiders	: First Aid resp and use the	ecommended perso	attention to self-protection, nal protective equipment exists (see section 8).		
Notes	to physician		matically and suppo			

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	:	Water spray Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical
Unsuitable extinguishing media	:	None known.



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	Specific fighting	c hazards during fire	:	Exposure to comb	pustion products may be a hazard to health.
	Hazard ucts	lous combustion prod-	:	Carbon oxides Nitrogen oxides (I Sulfur oxides Oxides of phosph Metal oxides Sulfur compounds	orus
	Specific ods	c extinguishing meth-	:	cumstances and t Use water spray t	measures that are appropriate to local cir- he surrounding environment. o cool unopened containers. ged containers from fire area if it is safe to do
		l protective equipment fighters	:		e, wear self-contained breathing apparatus. tective equipment.
SEC	CTION 6	. ACCIDENTAL RELE	ASI	EMEASURES	
	tive equ	al precautions, protec- uipment and emer- procedures	:	Follow safe handl	tective equipment. ing advice (see section 7) and personal ent recommendations (see section 8).
	Enviror	nmental precautions	:	Prevent spreading oil barriers). Retain and dispos	akage or spillage if safe to do so. g over a wide area (e.g., by containment or se of contaminated wash water. should be advised if significant spillages
		ls and materials for ment and cleaning up	:	For large spills, pro- containment to kee can be pumped, so container. Clean up remaining absorbent. Local or national of disposal of this m employed in the of determine which to Sections 13 and 1	t absorbent material. rovide diking or other appropriate eep material from spreading. If diked material store recovered material in appropriate ng materials from spill with suitable regulations may apply to releases and aterial, as well as those materials and items leanup of releases. You will need to regulations are applicable. 15 of this SDS provide information regarding tional requirements.

SECTION 7. HANDLING AND STORAGE

Technical measures : See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.



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Local/Total ventilation		: If sufficient verviation.	: If sufficient ventilation is unavailable, use with local exhaust				
Adv	ice on safe handling	Do not breathe Do not swallow Do not get in e Wash skin tho Handle in acco practice, base assessment Keep containe Do not eat, dri Take care to p					
Hyg	iene measures	flushing system place. When using de Contaminated workplace. Wash contami The effective of engineering co appropriate de industrial hygi	chemical is likely during typical use, provide eye ns and safety showers close to the working o not eat, drink or smoke. work clothing should not be allowed out of the nated clothing before re-use. operation of a facility should include review of ontrols, proper personal protective equipment, egowning and decontamination procedures, ene monitoring, medical surveillance and the strative controls.				
Con	ditions for safe storage	: Keep in prope Store locked u Keep tightly cl	rly labeled containers. p.				
Mat	erials to avoid	: Do not store w Strong oxidizir	vith the following product types: ng agents ubstances and mixtures				

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
Dibutyl phthalate	84-74-2	VLE-PPT	5 mg/m³	NOM-010- STPS-2014
		TWA	5 mg/m ³	ACGIH
Diazinon	333-41-5	VLE-PPT (Inhalable fraction and vapour)	0.01 mg/m ³	NOM-010- STPS-2014
		TWA (Inhalable fraction and	0.01 mg/m ³	ACGIH



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Biological occupational exposure limits

Components	CAS-No.	Control parameters	Biological specimen	Sam- pling time	Permissible concentra- tion	Basis
Diazinon	333-41-5	Acetylcholin esterase activity	In red blood cells	End of shift	70 % of an individual's baseline	ACGIH BEI
		Butyrylcholi nesterase activity	In serum or plasma	End of shift	60 % of an individual's baseline	ACGIH BEI
	 Is appropriate engineering controls and manufacturing technologies to control airborne concentrations (e.g., dripless 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 containment devices). Minimize open handling. 					
Personal protective eq	uipment					
Respiratory protection	exp	dequate local posure assess commended gu	ment demon	strates exp	osures outside	e the
Filter type Hand protection	: Co	mbined particu	lates and or	ganic vapo	or type	
Material	: Ch	emical-resista	nt gloves			
Remarks Eye protection	: We	nsider double ear safety glass	ses with side		0 00	tiona

	Wear a faceshield or other full face protection if there is a potential for direct contact to the face with dusts, mists, or aerosols.
Skin and body protection	: Work uniform or laboratory coat. Additional body garments should be used based upon the task being performed (e.g., sleevelets, apron, gauntlets, disposable suits) to avoid exposed skin surfaces. Use appropriate degowning techniques to remove potentially contaminated clothing.

If the work environment or activity involves dusty conditions,

mists or aerosols, wear the appropriate goggles.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: liquid
Color	: clear, yellow, orange
Odor	: No data available



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	Odor 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)
	Evapora	ation rate	:	No data available)
	Flamma	ability (solid, gas)	:	Not applicable	
	Flamma	ability (liquids)	:	No data available)
		explosion limit / Upper bility limit	:	No data available	•
		explosion limit / Lower bility limit	:	No data available	
	Vapor p	pressure	:	No data available)
	Relative	e vapor density	:	No data available)
	Relative	e density	:	No data available)
	Density		:	No data available)
	Solubili Wate	ty(ies) er solubility	:	No data available)
	Partition octanol	n coefficient: n-	:	Not applicable	
		ition temperature	:	No data available)
	Decom	position temperature	:	No data available)
	Viscosit Visc	ty osity, kinematic	:	No data available	9
	Explosi	ve properties	:	Not explosive	
	Oxidizir	ng properties	:	The substance of	mixture is not classified as oxidizing.
	Molecu	lar weight	:	No data available)
	Particle Particle	characteristics size	:	Not applicable	





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SECTION 10. STABILITY AND REACTIVITY

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

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes Inhalation Skin contact Ingestion Eye contact Acute toxicity May be harmful if swallowed.	of	exposure
Product: Acute oral toxicity	:	Acute toxicity estimate: 3,588 mg/kg Method: Calculation method
Acute dermal toxicity	:	Acute toxicity estimate: > 5,000 mg/kg Method: Calculation method
Components:		
Dibutyl phthalate:		
Acute oral toxicity	:	LD50 (Rat): 6,279 mg/kg
Diazinon:		
Acute oral toxicity	:	LD50 (Rat): 1,139 mg/kg
Acute inhalation toxicity	:	LC50 (Rat): > 5.437 mg/l Exposure time: 4 h Test atmosphere: dust/mist
Acute dermal toxicity	:	LD50 (Rabbit): > 2,020 mg/kg
Calcium dodecylbenzenesu	lph	onate:
Acute oral toxicity	:	LD50 (Rat): > 500 - 2,000 mg/kg Method: OECD Test Guideline 401 Remarks: Based on data from similar materials
Acute dermal toxicity	:	LD50 (Rabbit): > 2,000 mg/kg Method: OECD Test Guideline 402 Remarks: Based on data from similar materials



rsion	Revision Date: 28.09.2024		Number: 12828-00006	Date of last issue: 27.11.2023 Date of first issue: 26.08.2022
Alcol	hols, C12-15, ethoxy	lated:		
	e oral toxicity	: L	-D50 (Rat): 1,7 Remarks: Base	00 mg/kg d on data from similar materials
Acute dermal toxicity			-D50 (Rat): > 2 Remarks: Base	,000 mg/kg d on data from similar materials
7-0xa	abicyclo[4.1.0]hept-3	3-ylmeth	yl 7-oxabicycl	o[4.1.0]heptane-3-carboxylate:
Acute	e oral toxicity			e): > 2,959 - 5,000 mg/kg Test Guideline 401
Acute inhalation toxicity		E T N A		4 h
Acute	e dermal toxicity	Ν	Assessment: Th	,000 mg/kg Test Guideline 402 ne substance or mixture has no acute derm
		te	oxicity	
4-[(1,	5-Dihydro-3-methyl-		·	razol-4-ylidene)methyl]-2,4-dihydro-5-
meth	yl-2-phenyl-3H-pyra	5-oxo-1- zol-3-on	-phenyl-4H-py e:	
meth		5-oxo-1- zol-3-on	-phenyl-4H-py	
meth Acute	yl-2-phenyl-3H-pyra	5-oxo-1- zol-3-on : L : L E	-phenyl-4H-py e:	,000 mg/kg .39 mg/l 8 h
meth Acute Acute	yl-2-phenyl-3H-pyra oral toxicity	5-oxo-1- zol-3-on : L : L : L : <i>L</i>	-phenyl-4H-py e: _D50 (Rat): > 5 _C50 (Rat): > 7 Exposure time: Fest atmospher _D50 (Rat): > 2	,000 mg/kg .39 mg/l 8 h e: dust/mist ,500 mg/kg
Meth Acute Acute Acute	yl-2-phenyl-3H-pyra e oral toxicity e inhalation toxicity	5-oxo-1- zol-3-on : L : L : L : <i>L</i>	phenyl-4H-py e: _D50 (Rat): > 5 _C50 (Rat): > 7 Exposure time: Fest atmospher _D50 (Rat): > 2 Assessment: Th	,000 mg/kg .39 mg/l 8 h e: dust/mist ,500 mg/kg
Acute Acute Acute Acute Skin Cause	yl-2-phenyl-3H-pyra e oral toxicity inhalation toxicity dermal toxicity corrosion/irritation	5-oxo-1- zol-3-on : L : L : L : <i>L</i>	phenyl-4H-py e: _D50 (Rat): > 5 _C50 (Rat): > 7 Exposure time: Fest atmospher _D50 (Rat): > 2 Assessment: Th	,000 mg/kg .39 mg/l 8 h e: dust/mist ,500 mg/kg
Acute Acute Acute Acute Skin Cause	yl-2-phenyl-3H-pyra e oral toxicity e inhalation toxicity e dermal toxicity corrosion/irritation es mild skin irritation.	5-oxo-1- zol-3-on : L : L : L : <i>L</i>	phenyl-4H-py e: _D50 (Rat): > 5 _C50 (Rat): > 7 Exposure time: Fest atmospher _D50 (Rat): > 2 Assessment: Th	,000 mg/kg .39 mg/l 8 h e: dust/mist ,500 mg/kg
Meth Acute Acute Acute Skin Cause Com Dibut Speci	yl-2-phenyl-3H-pyra e oral toxicity e inhalation toxicity e dermal toxicity corrosion/irritation es mild skin irritation. ponents: tyl phthalate:	5-oxo-1- zol-3-on : L : L : T : L / t	phenyl-4H-py e: _D50 (Rat): > 5 _C50 (Rat): > 7 Exposure time: Test atmospher _D50 (Rat): > 2 Assessment: Th oxicity	,000 mg/kg .39 mg/l 8 h e: dust/mist ,500 mg/kg ne substance or mixture has no acute derm
Meth Acute Acute Acute Skin Cause Comp Dibut	yl-2-phenyl-3H-pyra e oral toxicity e inhalation toxicity e dermal toxicity corrosion/irritation es mild skin irritation. ponents: tyl phthalate:	5-oxo-1- zol-3-on : L : L : T : L / t	phenyl-4H-py e: _D50 (Rat): > 5 _C50 (Rat): > 7 Exposure time: Test atmospher _D50 (Rat): > 2 Assessment: Th oxicity	,000 mg/kg .39 mg/l 8 h e: dust/mist ,500 mg/kg ne substance or mixture has no acute derm
Methy Acute Acute Acute Skin Cause Comp Dibut Speci Metho	yI-2-phenyI-3H-pyrate e oral toxicity e inhalation toxicity e dermal toxicity corrosion/irritation es mild skin irritation. ponents: tyl phthalate: ies od It	5-oxo-1- zol-3-on : L : L : T : L / t	phenyl-4H-pyre: D50 (Rat): > 5 C50 (Rat): > 7 Exposure time: Test atmospher D50 (Rat): > 2 Assessment: Thore on the one of the	,000 mg/kg .39 mg/l 8 h e: dust/mist ,500 mg/kg ne substance or mixture has no acute derm
Meth Acute Acute Acute Acute Skin Cause Com Dibut Speci Metho Resul	yl-2-phenyl-3H-pyra a oral toxicity a inhalation toxicity a dermal toxicity corrosion/irritation es mild skin irritation. ponents: tyl phthalate: ies od It non: ies	5-oxo-1- zol-3-on : L : L : T : L / t : T : C : N : F	phenyl-4H-pyre: D50 (Rat): > 5 C50 (Rat): > 7 Exposure time: Test atmospher D50 (Rat): > 2 Assessment: Thore on the one of the	,000 mg/kg .39 mg/l 8 h re: dust/mist ,500 mg/kg he substance or mixture has no acute derm
meth Acute Acute Acute Acute Skin Cause Com Dibut Speci Resul	yl-2-phenyl-3H-pyra a oral toxicity a inhalation toxicity a dermal toxicity corrosion/irritation es mild skin irritation. ponents: tyl phthalate: ies od It non: ies	5-oxo-1- zol-3-on : L : L : T : T : T : T : T : T : T : T : T : T	-phenyl-4H-pyre: _D50 (Rat): > 5 _C50 (Rat): > 7 Exposure time: Test atmospher _D50 (Rat): > 2 Assessment: Thoxicity Rabbit DECD Test Gui No skin irritation Rabbit Mild skin irritation	,000 mg/kg .39 mg/l 8 h re: dust/mist ,500 mg/kg he substance or mixture has no acute derm



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Res	thod sult marks	 OECD Test Guideline 404 Skin irritation Based on data from similar materials
Alc	ohols, C12-15, ethoxy	lated:
Spe	ecies	: Rabbit
	thod	: OECD Test Guideline 404
Res Rer	sult marks	No skin irritationBased on data from similar materials
7-0)xabicyclo[4.1.0]hept-3	-ylmethyl 7-oxabicyclo[4.1.0]heptane-3-carboxylate:
	ecies	: Rabbit
-	thod	: OECD Test Guideline 404
Res	Suit	: No skin irritation
	1,5-Dihydro-3-methyl- thyl-2-phenyl-3H-pyraz	5-oxo-1-phenyl-4H-pyrazol-4-ylidene)methyl]-2,4-dihydro-5 zol-3-one:
	ecies	: Rabbit
Res	sult	: No skin irritation
Cau	ious eye damage/eye uses serious eye damag mponents:	
Dib	outyl phthalate:	
	ecies	: Rabbit
Res		: No eye irritation : OECD Test Guideline 405
IVIE	thod	. OECD Test Guideline 405
Cal	cium dodecylbenzene	sulphonate:
•	ecies	: Rabbit
Res		: Irreversible effects on the eye : OECD Test Guideline 405
	thod marks	: Based on data from similar materials
	nanos	
Alc	ohols, C12-15, ethoxy	lated:
	ecies	: Rabbit
Res	suit marks	 Irreversible effects on the eye Based on data from similar materials
Kei	liains	. Dased on data nom similar materials
7-0	xabicyclo[4.1.0]hept-3	-ylmethyl 7-oxabicyclo[4.1.0]heptane-3-carboxylate:
	ecies	: Rabbit
Res		: No eye irritation
Me	thod	: OECD Test Guideline 405
	1,5-Dihydro-3-methyl- thyl-2-phenyl-3H-pyraz	5-oxo-1-phenyl-4H-pyrazol-4-ylidene)methyl]-2,4-dihydro-5 zol-3-one:
Spe	ecies	: Rabbit



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Resu	lt	: No eye irritation
Resp	piratory or skin sensi	tization
-	sensitization cause an allergic skin	reaction.
•	biratory sensitization classified based on available	ailable information.
Com	ponents:	
Dibu	tyl phthalate:	
Test Route Spec Meth Resu	es of exposure ies od	 Maximization Test Skin contact Guinea pig OECD Test Guideline 406 negative
Diazi	non:	
Test Route Spec Resu	es of exposure ies	 Buehler Test Skin contact Guinea pig negative
Calci	ium dodecylbenzene	sulphonate:
Test Route Spec Meth Resu Resu	es of exposure ies od It	 Maximization Test Skin contact Guinea pig OECD Test Guideline 406 negative Based on data from similar materials
Alco	hols, C12-15, ethoxy	ated:
Test	Type es of exposure ies llt	 Magnusson-Kligman-Test Skin contact Guinea pig negative Based on data from similar materials
7-0x	abicyclo[4.1.0]hept-3	-ylmethyl 7-oxabicyclo[4.1.0]heptane-3-carboxylate:
Test Route Spec Resu	es of exposure ies	 Maximization Test Skin contact Guinea pig positive
Asse	ssment	: Probability or evidence of skin sensitization in humans
		5-oxo-1-phenyl-4H-pyrazol-4-ylidene)methyl]-2,4-dihydro-5-
	yl-2-phenyl-3H-pyraz	
Spec	162	: Guinea pig



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Resu	lt	: negat	ive	
Suspe	a cell mutagenicity ected of causing gene ponents:	ic defects.		
Dibut	yl phthalate:			
	toxicity in vitro	Resul Rema Test∃	t: negative arks: Based	nosome aberration test in vitro on data from similar materials o mammalian cell gene mutation test
Geno	toxicity in vivo	cytog Speci Applic	Type: Mamn enetic assay es: Mouse cation Route t: negative	
	cell mutagenicity -		nt of evidend lutagen.	ce does not support classification as a germ
Diazi	non:			
Geno	toxicity in vitro		Гуре: Bacte lt: negative	rial reverse mutation assay (AMES)
			Гуре: In vitro lt: negative	o mammalian cell gene mutation test
			Гуре: Chron lt: negative	nosome aberration test in vitro
Geno	toxicity in vivo	cytogo Speci Applic	enetic assay es: Rat	nalian erythrocyte micronucleus test (in vivo y) e: Intraperitoneal injection
	cell mutagenicity -		ve result(s) ity tests.	from in vivo mammalian somatic cell muta-
Calci	um dodecylbenzenes	ulnhonate:		
	toxicity in vitro	: Test T Metho Resul Rema Test T Resul	od: OECD T It: negative arks: Based Type: In vitro It: negative	rial reverse mutation assay (AMES) est Guideline 471 on data from similar materials o mammalian cell gene mutation test on data from similar materials



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			Method: OECD T Result: negative	nosome aberration test in vitro Test Guideline 473 on data from similar materials
G	Genotoxicity in vivo		cytogenetic assa Species: Mouse Application Route Result: negative	
Δ	cohols, C12-15, ethoxyla	ted:		
	enotoxicity in vitro	:	Result: negative	rial reverse mutation assay (AMES) on data from similar materials
7-	Oxabicvclo[4.1.0]hept-3-v	vlme	thvl 7-oxabicvclo	[4.1.0]heptane-3-carboxylate:
	enotoxicity in vitro	:	Test Type: Bacte	rial reverse mutation assay (AMES) est Guideline 471
			Test Type: In vitre Result: positive	o mammalian cell gene mutation test
			Test Type: In vitro malian cells Result: positive	o sister chromatid exchange assay in mam-
				damage and repair, unscheduled DNA syn- lian cells (in vitro)
G	enotoxicity in vivo	:	mammalian liver Species: Rat Application Route	e: Ingestion
			Result: negative	est Guideline 486
			Test Type: Micron Species: Mouse Application Route Result: negative	nucleus test e: Intraperitoneal injection
			say Species: Mouse Application Route	genic rodent somatic cell gene mutation as- e: Ingestion est Guideline 488
G	erm cell mutagenicity -	:		from in vivo mammalian somatic cell muta-
		•		



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Asses	sment		genicity tests.	
Carci	nogenicity			
May c	ause cancer.			
Comp	oonents:			
Diazir	non:			
Speci	es	:	Rat	
	ation Route	:	Ingestion	
•	sure time	:	104 weeks	
Resul	t	:	negative	
Carcir ment	nogenicity - Assess-	:	Sufficient eviden	ce of carcinogenicity in animal experiments
		lme		o[4.1.0]heptane-3-carboxylate:
Speci		:	Mouse	
	ation Route	:	Skin contact	
	sure time	:	29 Months	
Resul	t	:	negative	
May d	oductive toxicity lamage the unborn child ponents:	l. Su	ispected of dama	ging fertility.
May d <u>Comp</u> Dibut	lamage the unborn child ponents: yl phthalate:	l. Su		
May d <u>Comp</u> Dibut	lamage the unborn child ponents:	l. Su :	Test Type: Two-	ging fertility. generation study
May d <u>Comp</u> Dibut	lamage the unborn child ponents: yl phthalate:	l. Su :		generation study
May d <u>Comp</u> Dibut	lamage the unborn child ponents: yl phthalate:	l. Su :	Test Type: Two- Species: Rat	generation study
May d <u>Comp</u> Dibut Effect	lamage the unborn child ponents: yl phthalate:	l. Su :	Test Type: Two- Species: Rat Application Rout Result: positive Test Type: Deve	generation study e: Ingestion
May d <u>Comp</u> Dibut Effect	lamage the unborn child ponents: yl phthalate: s on fertility	l. Su :	Test Type: Two- Species: Rat Application Rout Result: positive Test Type: Deve Species: Rat	generation study re: Ingestion
May d <u>Comp</u> Dibut Effect	lamage the unborn child ponents: yl phthalate: s on fertility	l. Su :	Test Type: Two- Species: Rat Application Rout Result: positive Test Type: Deve Species: Rat Application Rout	generation study re: Ingestion
May d <u>Comp</u> Dibut Effect	lamage the unborn child ponents: yl phthalate: s on fertility	l. Su :	Test Type: Two- Species: Rat Application Rout Result: positive Test Type: Deve Species: Rat	generation study re: Ingestion
May d <u>Comp</u> Dibut Effect Effect	lamage the unborn child <u>conents:</u> yl phthalate: s on fertility s on fetal development oductive toxicity - As-	I. Su : :	Test Type: Two- Species: Rat Application Rout Result: positive Test Type: Deve Species: Rat Application Rout Result: positive Clear evidence of	generation study re: Ingestion Plopment re: Ingestion of adverse effects on development, based o
May d <u>Comp</u> Dibut Effect	lamage the unborn child <u>conents:</u> yl phthalate: s on fertility s on fetal development oductive toxicity - As-	:	Test Type: Two- Species: Rat Application Rout Result: positive Test Type: Deve Species: Rat Application Rout Result: positive Clear evidence of animal experime	generation study e: Ingestion elopment e: Ingestion of adverse effects on development, based o ents., Some evidence of adverse effects on
May d <u>Comp</u> Dibut Effect Effect	lamage the unborn child <u>conents:</u> yl phthalate: s on fertility s on fetal development oductive toxicity - As-	:	Test Type: Two- Species: Rat Application Rout Result: positive Test Type: Deve Species: Rat Application Rout Result: positive Clear evidence of animal experime	generation study re: Ingestion Plopment re: Ingestion of adverse effects on development, based o
May d <u>Comp</u> Dibut Effect Effect	lamage the unborn child ponents: yl phthalate: s on fertility s on fetal development oductive toxicity - As- nent	:	Test Type: Two- Species: Rat Application Rout Result: positive Test Type: Deve Species: Rat Application Rout Result: positive Clear evidence of animal experime	generation study e: Ingestion elopment e: Ingestion of adverse effects on development, based o ents., Some evidence of adverse effects on
May d Comp Dibut Effect Effect Repro	lamage the unborn child ponents: yl phthalate: s on fertility s on fetal development oductive toxicity - As- nent	:	Test Type: Two- Species: Rat Application Rout Result: positive Test Type: Deve Species: Rat Application Rout Result: positive Clear evidence of animal experime sexual function a	generation study re: Ingestion elopment re: Ingestion of adverse effects on development, based o ents., Some evidence of adverse effects on and fertility, based on animal experiments.
May d Comp Dibut Effect Effect Repro	lamage the unborn child ponents: yl phthalate: s on fertility s on fetal development oductive toxicity - As- nent	:	Test Type: Two- Species: Rat Application Rout Result: positive Test Type: Deve Species: Rat Application Rout Result: positive Clear evidence of animal experime sexual function a	generation study e: Ingestion elopment e: Ingestion of adverse effects on development, based o ents., Some evidence of adverse effects on
May d Comp Dibut Effect Effect Repro	lamage the unborn child ponents: yl phthalate: s on fertility s on fetal development oductive toxicity - As- nent	:	Test Type: Two- Species: Rat Application Rout Result: positive Test Type: Deve Species: Rat Application Rout Result: positive Clear evidence of animal experime sexual function a Test Type: Three Species: Rat Application Rout	generation study e: Ingestion elopment e: Ingestion of adverse effects on development, based of ents., Some evidence of adverse effects on and fertility, based on animal experiments. e-generation study e: Ingestion
May d Comp Dibut Effect Effect Repro	lamage the unborn child ponents: yl phthalate: s on fertility s on fetal development oductive toxicity - As- nent	:	Test Type: Two- Species: Rat Application Rout Result: positive Test Type: Deve Species: Rat Application Rout Result: positive Clear evidence of animal experime sexual function a Test Type: Three Species: Rat	generation study e: Ingestion elopment e: Ingestion of adverse effects on development, based of ents., Some evidence of adverse effects on and fertility, based on animal experiments. e-generation study e: Ingestion
May d Comp Dibut Effect Effect Repro sessm Diazin Effect	lamage the unborn child ponents: yl phthalate: s on fertility s on fetal development oductive toxicity - As- nent	:	Test Type: Two- Species: Rat Application Rout Result: positive Test Type: Deve Species: Rat Application Rout Result: positive Clear evidence of animal experime sexual function a Test Type: Three Species: Rat Application Rout Result: negative	generation study e: Ingestion elopment e: Ingestion of adverse effects on development, based of ents., Some evidence of adverse effects on and fertility, based on animal experiments. e-generation study e: Ingestion
May d Comp Dibut Effect Effect Repro sessm Diazin Effect	lamage the unborn child ponents: yl phthalate: s on fertility s on fetal development oductive toxicity - As- nent non: s on fertility	: :	Test Type: Two- Species: Rat Application Rout Result: positive Test Type: Deve Species: Rat Application Rout Result: positive Clear evidence of animal experime sexual function a Test Type: Three Species: Rat Application Rout Result: negative Test Type: Embly	generation study e: Ingestion elopment e: Ingestion of adverse effects on development, based of ents., Some evidence of adverse effects on and fertility, based on animal experiments. e-generation study e: Ingestion ryo-fetal development
May d Comp Dibut Effect Effect Repro sessm Diazin Effect	lamage the unborn child ponents: yl phthalate: s on fertility s on fetal development oductive toxicity - As- nent non: s on fertility	: :	Test Type: Two- Species: Rat Application Rout Result: positive Test Type: Deve Species: Rat Application Rout Result: positive Clear evidence of animal experime sexual function a Test Type: Three Species: Rat Application Rout Result: negative Test Type: Embl	generation study e: Ingestion elopment e: Ingestion of adverse effects on development, based of ents., Some evidence of adverse effects on and fertility, based on animal experiments. e-generation study e: Ingestion ryo-fetal development e: Ingestion



Version 4.1	Revision Date: 28.09.2024	SDS Numbe 10842828-0	
Calc	ium dodecylbenzenesu	Iphonate:	
	ets on fertility	: Test Typ reproduc Species: Applicati Method: Result: r	ion Route: Ingestion OECD Test Guideline 422
Effec	Effects on fetal development :		be: Combined repeated dose toxicity study with the ction/developmental toxicity screening test : Rat ion Route: Ingestion OECD Test Guideline 422 hegative s: Based on data from similar materials
7-Ox	abicyclo[4.1.0]hept-3-y	methyl 7-ox	abicyclo[4.1.0]heptane-3-carboxylate:
Effec	ets on fetal development	Species: Applicati	ion Route: Ingestion OECD Test Guideline 414
	,5-Dihydro-3-methyl-5-c ıyl-2-phenyl-3H-pyrazol		-4H-pyrazol-4-ylidene)methyl]-2,4-dihydro-5-
Effec	ts on fertility	reproduc Species: Applicati	ion Route: Ingestion OECD Test Guideline 422
Effec	ts on fetal development	reproduc Species: Applicati	ion Route: Ingestion OECD Test Guideline 422
	oductive toxicity - As- ment	fertility, t	vidence of adverse effects on sexual function and based on animal experiments., Some evidence of effects on development, based on animal ents.
	T-single exposure ses damage to organs (N	ervous syster	n).
Com	ponents:		
	inon:	1	
	es of exposure et Organs	: Ingestior : Nervous	



rsion	Revision Date: 28.09.2024	SDS Number: 10842828-00006	Date of last issue: 27.11.2023 Date of first issue: 26.08.2022
Asses	ssment		ice significant health effects in animals at cor 00 mg/kg bw or less.
	0 0		asal cavity) through prolonged or repeated ex
Comp	oonents:		
Diazir	non:		
	s of exposure	: Ingestion	
	t Organs	: Nervous system	
Asses	ssment		ice significant health effects in animals at cor 10 to 100 mg/kg bw.
Calciu	um dodecylbenzen	esulphonate:	
Asses	ssment	: No significant he tions of 100 mg/	ealth effects observed in animals at concentr /kg bw or less.
7-Oxa	bicyclo[4.1.0]hept-	3-ylmethyl 7-oxabicycl	o[4.1.0]heptane-3-carboxylate:
Douto	s of exposure	: Ingestion	
Targe	t Organs	: nasal cavity	
Targe		: nasal cavity : Shown to produ	ice significant health effects in animals at cor 10 to 100 mg/kg bw.
Targe Asses	t Organs	: nasal cavity : Shown to produ	
Targe Asses Repe a	t Organs ssment	: nasal cavity : Shown to produ	
Targe Asses Repea	t Organs ssment ated dose toxicity	: nasal cavity : Shown to produ	
Targe Asses Repea Comp Dibut	t Organs ssment ated dose toxicity <u>ponents:</u> yl phthalate: es	: nasal cavity : Shown to produ centrations of > : Rat	
Targe Asses Repea Comp Dibut Specia NOAE	t Organs sment ated dose toxicity <u>conents:</u> yl phthalate: es	 nasal cavity Shown to producentrations of > Rat 152 mg/kg 	
Targe Asses Repea Comp Dibut Specie NOAE LOAE	t Organs sment ated dose toxicity <u>ponents:</u> yl phthalate: es EL	 nasal cavity Shown to producentrations of > Rat 152 mg/kg 752 mg/kg 	
Targe Asses Repea Comp Dibut Specie NOAE LOAE Applic	t Organs sment ated dose toxicity <u>oonents:</u> yl phthalate: es EL EL cation Route	 : nasal cavity : Shown to producentrations of > : Rat : 152 mg/kg : 752 mg/kg : Ingestion 	
Targe Asses Repea Comp Dibut Specie NOAE LOAE Applic	t Organs ssment ated dose toxicity <u>oonents:</u> yl phthalate: es EL EL cation Route sure time	 nasal cavity Shown to producentrations of > Rat 152 mg/kg 752 mg/kg 	10 to 100 mg/kg bw.
Targe Asses Repea Comp Dibut Specie NOAE LOAE Applic Expos	ated dose toxicity ated dose toxicity <u>ponents:</u> yl phthalate: es EL L cation Route sure time od	 : nasal cavity : Shown to producentrations of > : Rat : 152 mg/kg : 752 mg/kg : Ingestion : 90 Days 	10 to 100 mg/kg bw.
Targe Asses Repea Comp Dibut Specia NOAE LOAE Applic Expos Metho Specia	t Organs ssment ated dose toxicity <u>ponents:</u> yl phthalate: es EL EL sation Route sure time od es	 nasal cavity Shown to producentrations of > Rat 152 mg/kg 752 mg/kg Ingestion 90 Days OECD Test Gui Rat 0.51 mg/l 	10 to 100 mg/kg bw. deline 408
Targe Asses Repea Comp Dibut Specie NOAE LOAE Applic Expos Metho Specie NOAE Applic	t Organs sement ated dose toxicity <u>ponents:</u> yl phthalate: es EL cation Route sure time od es EL cation Route	 nasal cavity Shown to producentrations of > Rat 152 mg/kg 752 mg/kg Ingestion 90 Days OECD Test Gui Rat 0.51 mg/l inhalation (dust/ 	10 to 100 mg/kg bw. deline 408
Targe Asses Repea Comp Dibut Specie NOAE LOAE Applic Expos Metho Specie NOAE Applic	t Organs sement ated dose toxicity ponents: yl phthalate: es EL cation Route sure time od es EL cation Route sure time ad	 nasal cavity Shown to producentrations of > Rat 152 mg/kg 752 mg/kg Ingestion 90 Days OECD Test Gui Rat 0.51 mg/l 	10 to 100 mg/kg bw. deline 408 /mist/fume)
Targe Asses Repea Comp Dibut Specie NOAE LOAE Applic Expos Metho Specie NOAE Applic Expos	t Organs sement ated dose toxicity ponents: yl phthalate: es EL cation Route sure time od es EL cation Route sure time od	 nasal cavity Shown to producentrations of > Rat 152 mg/kg 752 mg/kg Ingestion 90 Days OECD Test Gui Rat 0.51 mg/l inhalation (dust/ 4 Weeks 	10 to 100 mg/kg bw. deline 408 /mist/fume)
Targe Asses Repea Comp Dibut Specie NOAE LOAE Applic Expos Metho Specie NOAE Applic Expos Metho	ated dose toxicity ated dose toxicity ponents: yl phthalate: es EL cation Route sure time od es EL cation Route sure time od hon:	 nasal cavity Shown to producentrations of > Rat 152 mg/kg 752 mg/kg Ingestion 90 Days OECD Test Gui Rat 0.51 mg/l inhalation (dust/ 4 Weeks 	10 to 100 mg/kg bw. deline 408 /mist/fume)
Targe Asses Repea Comp Dibut Specie NOAE LOAE Applic Expos Metho Expos Metho Diazir Specie NOAE	ated dose toxicity ated dose toxicity ponents: yl phthalate: es EL cation Route sure time od es EL cation Route sure time od non: es EL	 : nasal cavity : Shown to producentrations of > : Rat : 152 mg/kg : 752 mg/kg : Ingestion : 90 Days : OECD Test Gui : Rat : 0.51 mg/l : inhalation (dust/ 4 Weeks : OECD Test Gui : Rat : OECD Test Gui 	10 to 100 mg/kg bw. deline 408 /mist/fume)
Targe Asses Repea Comp Dibut Specie NOAE LOAE Applic Expos Metho Specie NOAE Applic Expos Metho Diazir Specie	ated dose toxicity ated dose toxicity ponents: yl phthalate: es EL cation Route sure time od es EL cation Route sure time od hon: es EL L	 nasal cavity Shown to producentrations of > Rat 152 mg/kg 752 mg/kg Ingestion 90 Days OECD Test Gui Rat 0.51 mg/l inhalation (dust/ 4 Weeks OECD Test Gui Rat OECD Test Gui 	10 to 100 mg/kg bw. deline 408 /mist/fume)
Targe Asses Repea Comp Dibut Specie NOAE LOAE Applic Expos Metho Specie NOAE Applic Expos Metho Diazir Specie NOAE Applic Expos	ated dose toxicity ated dose toxicity ponents: yl phthalate: es EL cation Route sure time od es EL cation Route sure time od non: es EL	 : nasal cavity : Shown to producentrations of > : Rat : 152 mg/kg : 752 mg/kg : Ingestion : 90 Days : OECD Test Gui : Rat : 0.51 mg/l : inhalation (dust/ 4 Weeks : OECD Test Gui : Rat : OECD Test Gui 	10 to 100 mg/kg bw. deline 408 /mist/fume)
Targe Asses Repea Comp Dibut Specie NOAE LOAE Applic Expos Metho Specie NOAE Applic Expos Metho Diazir Specie NOAE Applic Expos	t Organs ssment ated dose toxicity ponents: yl phthalate: es EL cation Route sure time od es EL cation Route sure time od hon: es EL cation Route sure time od	 nasal cavity Shown to producentrations of > Rat 152 mg/kg 752 mg/kg Ingestion 90 Days OECD Test Gui Rat 0.51 mg/l inhalation (dust/ 4 Weeks OECD Test Gui Rat 0.51 mg/l inhalation (dust/ 4 Weeks OECD Test Gui Rat 0.3 mg/kg 15 mg/kg Ingestion 	10 to 100 mg/kg bw. deline 408 /mist/fume)



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	EL cation Route sure time	:	0.75 mg/l inhalation (dust 28 Days	/mist/fume)
Calci	um dodecylbenzenesu	lph	onate:	
Spec	ies	:	Rat	
LÖAE	EL	:	> 200 mg/kg	
	cation Route	:	Ingestion	
	sure time	:	6 - 7 Weeks	
Metho Rema		÷	OECD Test Gui	deline 422 irom similar materials
Kellia	11K5	•	Dased on data	
Spec		:	Rabbit	
NOA		:	> 100 mg/kg	
	cation Route	÷	Skin contact	
Expo Meth	sure time	:	28 Days OECD Test Gui	deline 110
Rema		:		rom similar materials
i toine		•	Buood on data	
		Ime	thyl 7-oxabicyc	o[4.1.0]heptane-3-carboxylate:
Spec		:	Rat	
NOA		:	5 mg/kg	
LOAE		:	50 mg/kg	
	cation Route	÷	Ingestion	
Meth	sure time	:	90 Days OECD Test Gui	deline 108
•	ration toxicity lassified based on availa	able	information.	
Expe	rience with human exp	osi	ıre	
Com	ponents:			
Diazi				
Inhala		:	Symptoms: care	cinogenic effects
SECTION	12. ECOLOGICAL INFO	ORI	MATION	
_				
Ecote	oxicity			
Com	ponents:			
Dibut	tyl phthalate:			
Toxic	ity to fish	:	LC50 (Lepomis Exposure time:	macrochirus (Bluegill sunfish)): 0.48 mg/l 96 h
	ity to daphnia and other tic invertebrates	:	EC50 (Mysidop Exposure time:	sis bahia (opossum shrimp)): 0.5 mg/l 96 h
Toxic plants	ity to algae/aquatic S	:	EC50 (Pseudok mg/l	irchneriella subcapitata (green algae)): 0.75
			17 / 24	
			17/24	



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			Exposure time: 10) d	
			NOEC (Pseudokir mg/l Exposure time: 10	rchneriella subcapitata (green algae)): 0.39) d	
To: icit	xicity to fish (Chronic tox- y)	:	NOEC (Oncorhyn Exposure time: 99	chus mykiss (rainbow trout)): 0.1 mg/l d	
To	xicity to microorganisms	:	NOEC (Pseudomonas putida): >= 10 mg/l Exposure time: 30 min Remarks: No toxicity at the limit of solubility.		
Dia	azinon:				
To	xicity to fish	:	LC50 (Oncorhync Exposure time: 96	hus mykiss (rainbow trout)): 0.09 mg/l 3 h	
	xicity to daphnia and other uatic invertebrates	:	EC50 (Ceriodaphi Exposure time: 48	nia dubia (water flea)): 0.000164 mg/l 3 h	
To: icit	xicity to fish (Chronic tox- y)	:	NOEC (Pimephale Exposure time: 34	es promelas (fathead minnow)): 0.092 mg/l l d	
aq	xicity to daphnia and other uatic invertebrates (Chron- oxicity)	:	NOEC (Daphnia r Exposure time: 21	nagna (Water flea)): 0.00017 mg/l ⊢d	
Ca	lcium dodecylbenzenesu	lph	onate:		
To	xicity to fish	:	Exposure time: 96	idus (Golden orfe)): > 1 - 10 mg/l 5 h on data from similar materials	
	xicity to daphnia and other uatic invertebrates	:	Exposure time: 48	agna (Water flea)): > 1 - 10 mg/l 3 h on data from similar materials	
	xicity to algae/aquatic nts	:	100 mg/l Exposure time: 72	chneriella subcapitata (green algae)): > 10 - 2 h on data from similar materials	
			1 mg/l Exposure time: 72	rchneriella subcapitata (green algae)): > 0.1 - 2 h on data from similar materials	
To: icit	xicity to fish (Chronic tox- y)	:	mg/l Exposure time: 28	es promelas (fathead minnow)): > 0.1 - 1 3 d on data from similar materials	
aq	xicity to daphnia and other uatic invertebrates (Chron- oxicity)		Exposure time: 21	nagna (Water flea)): > 1 mg/l d on data from similar materials	



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	Toxicity	<i>i</i> to microorganisms	:	Exposure time: 3 Method: OECD Te			
	Alcoho	ols, C12-15, ethoxylate	ed:				
	Toxicity	/ to fish	:	 LC50 (Danio rerio (zebra fish)): > 1 - 10 mg/l Exposure time: 96 h Remarks: Based on data from similar materials 			
		<i>r</i> to daphnia and other invertebrates	:	Exposure time: 48	agna (Water flea)): > 1 - 10 mg/l s h on data from similar materials		
	Toxicity plants	/ to algae/aquatic	:	ErC50 (Pseudokirchneriella subcapitata (green algae)): > 1 10 mg/l Exposure time: 72 h Remarks: Based on data from similar materials			
	Toxicity to daphnia and other aquatic invertebrates (Chron-ic toxicity)		:	EC10 (Daphnia magna (Water flea)): > 0.1 - 1 mg/l Exposure time: 21 d Remarks: Based on data from similar materials			
	7-Oxabicyclo[4.1.0]hept-3-y Toxicity to fish		met :	ethyl 7-oxabicyclo[4.1.0]heptane-3-carboxylate: LC50 (Oncorhynchus mykiss (rainbow trout)): 24 mg/l Exposure time: 96 h Method: OECD Test Guideline 203			
		<i>r</i> to daphnia and other invertebrates	:	EC50 (Daphnia m Exposure time: 48 Method: OECD Te			
	Toxicity plants	∕ to algae/aquatic	:	ErC50 (Raphidoce 110 mg/l Exposure time: 72 Method: OECD Te			
				NOEC (Raphidoco mg/l Exposure time: 72 Method: OECD Te			
	Toxicity	/ to microorganisms	:	EC10 (activated s Exposure time: 3 Method: OECD Te	h		
		Dihydro-3-methyl-5-o -2-phenyl-3H-pyrazol			zol-4-ylidene)methyl]-2,4-dihydro-5-		
	Toxicity		:	LC50 (Danio rerio Exposure time: 96 Method: OECD Te			



Version 4.1	Revision Date: 28.09.2024		OS Number: 842828-00006	Date of last issue: 27.11.2023 Date of first issue: 26.08.2022
	ity to daphnia and other tic invertebrates	· :	Exposure time: 4 Method: OECD	magna (Water flea)): > 0.407 mg/l l8 h Fest Guideline 202 ricity at the limit of solubility.
Toxic plants	ity to algae/aquatic s	:	mg/l Exposure time: 7 Method: OECD 7	rchneriella subcapitata (green algae)): > 1 /2 h Fest Guideline 201 ricity at the limit of solubility.
			mg/l Exposure time: 7 Method: OECD 7	rchneriella subcapitata (green algae)): > 1 /2 h Fest Guideline 201 cicity at the limit of solubility.
Toxic	ity to microorganisms	:	EC50: > 1,000 m Exposure time: 3 Method: OECD 7	
Persi	stence and degradabi	lity		
Com	ponents:			
Dibut	tyl phthalate:			
	egradability	:	Result: Readily b Biodegradation: Exposure time: 2 Method: CO2 Ev	81 % 28 d
Calci	um dodecylbenzenesi	ulph	onate:	
	egradability	-	Result: Readily b	biodegradable. I on data from similar materials
Alcol	hols, C12-15, ethoxylat	ted:		
Biode	egradability	:	Result: rapidly de Remarks: Based	egradable I on data from similar materials
7-0x	abicyclo[4.1.0]hept-3-y	/Ime	thyl 7-oxabicyclo	o[4.1.0]heptane-3-carboxylate:
Biode	egradability	:	Biodegradation: Exposure time: 2	
	5-Dihydro-3-methyl-5- yl-2-phenyl-3H-pyrazo		-1-phenyl-4H-pyra	azol-4-ylidene)methyl]-2,4-dihydro-5-
	egradability		Result: Not read Biodegradation: Exposure time: 2	
			20 / 24	



Diazinon (9%) Liquid Formulation

		10	842828-00006	Date of first issue: 26.08.2022
Bioa	ccumulative potentia	al		
<u>Com</u>	ponents:			
Dibu	tyl phthalate:			
	tion coefficient: n- nol/water	:	log Pow: 4.46	
Diazi	non:			
Bioad	ccumulation	:		us carpio (Carp) n factor (BCF): 46.9
	tion coefficient: n- nol/water	:	log Pow: 3.69	
Calci	ium dodecylbenzene	sulph	onate:	
Bioad	ccumulation	:		n factor (BCF): < 500 d on data from similar materials
	tion coefficient: n- nol/water	:	log Pow: 4.77 Remarks: Calcu	lation
7-0x	abicyclo[4.1.0]hept-3	3-ylme	thyl 7-oxabicycl	o[4.1.0]heptane-3-carboxylate:
	tion coefficient: n- nol/water	:	log Pow: 1.34 Method: OECD	Test Guideline 107
	,5-Dihydro-3-methyl- yl-2-phenyl-3H-pyra:			azol-4-ylidene)methyl]-2,4-dihydro-5
	tion coefficient: n- nol/water	:	log Pow: 5.02	
Mobi	lity in soil			
No da	ata available			
	r adverse effects ata available			
ECTION	13. DISPOSAL CON	SIDEF	RATIONS	
-	osal methods e from residues	-	Do not dispose	of waste into sewer.

Waste from residues	:	Do not dispose of waste into sewer.
		Dispose of in accordance with local regulations.
Contaminated packaging	:	Empty containers should be taken to an approved waste
		handling site for recycling or disposal.
		If not otherwise specified: Dispose of as unused product.

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG UN number

: UN 3082



Diazinon (9%) Liquid Formulation

Ver 4.1	sion	Revision Date: 28.09.2024		DS Number: 842828-00006	Date of last issue: 27.11.2023 Date of first issue: 26.08.2022			
	Proper	shipping name	:	ENVIRONMENT/ N.O.S. (Diazinon, Dibuty	ALLY HAZARDOUS SUBSTANCE, LIQUID,			
	Class		:	9				
	Packin	g group	:					
	Labels		:	9				
	Enviro	nmentally hazardous	:	yes				
	ΙΑΤΑ-Ι	OGR						
	UN/ID	-		UN 3082				
		shipping name	:	Environmentally hazardous substance, liquid, n.o.s. (Diazinon, Dibutyl phthalate)				
	Class			9	n phinalate)			
		g group	:	9 				
	Labels		:	Miscellaneous				
	Packing instruction (cargo aircraft)		:	964				
		g instruction (passen-	:	964				
		nmentally hazardous	:	yes				
	IMDG-	Code						
	UN nu	mber	:	UN 3082				
	Proper	shipping name	:	ENVIRONMENT/ N.O.S.	ALLY HAZARDOUS SUBSTANCE, LIQUID,			
				(Diazinon, Dibuty	l phthalate)			
	Class		:	9	, ,			
	Packin	g group	:					
	Labels		:	9				
	EmS C	ode	:	F-A, S-F				
	Marine	pollutant	:	yes				
	Transp	oort in bulk according	j to	Annex II of MARP	OL 73/78 and the IBC Code			

Not applicable for product as supplied.

Domestic regulation

NOM-002-SCT	_	
UN number	:	UN 3082
Proper shipping name	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Diazinon, Dibutyl phthalate)
Class	:	9
Packing group	:	III
Labels	:	9

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.





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SECTION	15. REGULATORY I	NFORMATION		
Safet mixtu		nmental regulations/le	egislation specific	for the substance or
	-165-SEMARNAT-20 stry of Emissions and	13, Norm establishing a Pollutant Transfer	list of substances s	ubject to report for the
	ponents	CAS-No.	MPU (kg/year)	Transfer/Release (kg/year)
Dibut	yl phthalate	84-74-2	2500 kg/year	100 kg/year
more				ixture in a composition of t are subject to report or
esser	ral Law for the control ntial chemical product ucing capsules, tablets		s, : Not applic	able
The i	ngredients of this p	roduct are reported in	the following inver	ntories:
AICS		: not determined	-	
DSL		: not determined		
IECS	С	: not determined		

SECTION 16. OTHER INFORMATION

Revision Date Date format	:	28.09.2024 dd.mm.yyyy			
Full text of other abbreviations					
ACGIH ACGIH BEI NOM-010-STPS-2014	:	USA. ACGIH Threshold Limit Values (TLV) ACGIH - Biological Exposure Indices (BEI) Mexico. Norm NOM-010-STPS-2014 on Chemicals Polluting the Work Environment - Identification, Assessment and Con- trol - Appendix 1 Occupational Exposure Limits			
ACGIH / TWA NOM-010-STPS-2014 / VLE- PPT		8-hour, time-weighted average Time weighted average limit value			

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 Or-



Diazinon (9%) Liquid Formulation

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

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

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

The information is considered as correct, but not exhaustive, and will be used only as a guide, which is based in the current knowledge of the substance or mixture, and is applicable to proper safety precautions for the product.

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