

Version 2.0	Revision Date: 28.09.2024		S Number: 292251-00002	Date of last issue: 07.11.2023 Date of first issue: 07.11.2023	
SECTION	1. IDENTIFICATION				
Produ	uct identifier	:	Diazinon (47%)	Liquid Formulation	
Manu	facturer or supplier's	s deta	ils		
Comp	bany	:	MSD		
Addre	Address		Rua Coronel Bento Soares, 530 Cruzeiro - Sao Paulo - Brazil CEP 12730-340		
Telep	hone	:	908-740-4000		
Emer	gency telephone	:	1-908-423-6000		
E-ma	il address	:	EHSDATASTEV	VARD@msd.com	
Reco	mmended use of the	chem	ical and restricti	ons on use	
	mmended use ictions on use	:	Veterinary produ Not applicable	uct	

#### SECTION 2. HAZARDS IDENTIFICATION

GHS Classification in accordance with ABNT NBR 14725 StateAcute toxicity (Oral): Category 4							
Skin irritation	:	Category 2					
Eye irritation	:	Category 2A					
Skin sensitization	:	Category 1					
Germ cell mutagenicity	:	Category 1B					
Carcinogenicity	:	Category 1B					
Specific target organ toxicity - single exposure	:	Category 1 (Nervous system)					
Specific target organ toxicity - single exposure	:	Category 3					
Specific target organ toxicity - repeated exposure	:	Category 2 (Nervous system)					
Aspiration hazard	:	Category 1					
Short-term (acute) aquatic hazard	:	Category 1					



rsion )	Revision Date: 28.09.2024		S Number: 292251-00002	Date of last issue: 07.11.2023 Date of first issue: 07.11.2023
Long- hazar	· / ·	:	Category 1	
	label elements in acco <sup>-</sup> d pictograms	rdar :	nce with ABNT I	NBR 14725 Standard
Signa	I Word	:	Danger	
Hazar	rd Statements	:	H315 Causes s H317 May cause H319 Causes s H336 May cause H340 May cause H350 May cause H370 Causes of H373 May cause prolonged or re	atal if swallowed and enters airways. skin irritation. se an allergic skin reaction. serious eye irritation. se drowsiness or dizziness. se genetic defects.
Preca	utionary Statements	:	P270 Do not ea P271 Use only P272 Contamir the workplace. P273 Avoid rele	pecial instructions before use. at, drink or smoke when using this product. outdoors or in a well-ventilated area. nated work clothing should not be allowed out ease to the environment. tective gloves/ protective clothing/ eye protection.
			CENTER/ doct P302 + P352 IF P304 + P340 + and keep comf doctor if you fe P305 + P351 + for several min easy to do. Con P308 + P311 IF CENTER/ doct P331 Do NOT P333 + P313 If vice/ attention.	<ul> <li>ON SKIN: Wash with plenty of water.</li> <li>P312 IF INHALED: Remove person to fresh ortable for breathing. Call a POISON CENTE el unwell.</li> <li>P338 IF IN EYES: Rinse cautiously with watutes. Remove contact lenses, if present and ntinue rinsing.</li> <li>exposed or concerned: Call a POISON or.</li> <li>induce vomiting.</li> <li>skin irritation or rash occurs: Get medical ad eye irritation persists: Get medical advice/ at</li> </ul>



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Othe	P405 Store locked up. Other hazards which do not result in classification								
	None known.								
SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS									
	stance / Mixture	: Mixture							
	ponents								
Diazi		CAS-No. 333-41-5	Classification Acute Tox. (Oral), 4 Acute Tox. (Dermal), 5 Skin Irrit., 3 Muta., 2 Carc., 1B STOT SE, (Nervous system), 1 STOT RE, (Nervous system), 2 Aquatic Acute, 1 Aquatic Chronic, 1	Concentration (% w/w) >= 30 -< 50					
	ent naphtha (petroleum), aromatic	64742-95-6	Flam. Liq., 3 Skin Irrit., 2 Muta., 1B Carc., 1B STOT SE, 3 Asp. Tox., 1 Aquatic Acute, 2 Aquatic Chronic, 2	>= 20 -< 25					
	nylphenol, branched, xylated	127087-87-0	Acute Tox. (Oral), 4 Eye Irrit., 2A Aquatic Acute, 1 Aquatic Chronic, 1	>= 10 -< 20					
ylme <sup>.</sup> oxab	abicyclo[4.1.0]hept-3- thyl 7- icyclo[4.1.0]heptane-3- oxylate	2386-87-0	Acute Tox. (Oral), 5 Skin Sens., 1 Muta., 2 STOT RE, (nasal cavi- ty), 2 Aquatic Acute, 3 Aquatic Chronic, 3	>= 5 -< 10					

#### Alternative CAS Numbers for some regions

Chemical name	Alternative CAS Number(s)
4-Nonylphenol, branched, ethoxylated	68412-54-4

#### **SECTION 4. FIRST AID MEASURES**

General advice

: In the case of accident or if you feel unwell, seek medical advice immediately.



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		When sympto advice.	ms persist or in all cases of doubt seek medical			
lf inha	aled	: If inhaled, rem	nove to fresh air.			
In cas	se of skin contact	<ul> <li>Get medical attention.</li> <li>In case of contact, immediately flush skin with plenty of wa for at least 15 minutes while removing contaminated clothin and shoes.</li> <li>Get medical attention.</li> <li>Wash clothing before reuse.</li> <li>Thoroughly clean shoes before reuse.</li> <li>In case of contact, immediately flush eyes with plenty of w for at least 15 minutes.</li> <li>If easy to do, remove contact lens, if worn.</li> <li>Get medical attention.</li> </ul>				
In cas	se of eye contact					
lf swa	allowed	: If swallowed, I If vomiting occ Call a physicia Rinse mouth t	DO NOT induce vomiting. curs have person lean forward. an or poison control center immediately. horoughly with water. ything by mouth to an unconscious person.			
	important symptoms affects, both acute and ed	: Harmful if swa May be fatal if Causes skin ir May cause an Causes seriou May cause dro May cause ge May cause ca Causes dama	Illowed. swallowed and enters airways. ritation. allergic skin reaction. is eye irritation. owsiness or dizziness. netic defects. ncer.			
Prote	ction of first-aiders	: First Aid respo and use the re	onders should pay attention to self-protection, ecommended personal protective equipment ential for exposure exists (see section 8).			
Notes	s to physician		natically and supportively.			

#### SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	:	Water spray Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical
Unsuitable extinguishing media	:	None known.
Specific hazards during fire fighting	:	Exposure to combustion products may be a hazard to health.
Hazardous combustion prod- ucts	:	Carbon oxides Nitrogen oxides (NOx) Sulfur oxides Oxides of phosphorus
Specific extinguishing meth- ods	:	Use extinguishing measures that are appropriate to local cir- cumstances and the surrounding environment.



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				o cool unopened containers. ged containers from fire area if it is safe to do
	ial protective equipment e-fighters	:		e, wear self-contained breathing apparatus. tective equipment.
SECTION	6. ACCIDENTAL RELE	AS	EMEASURES	
tive e	onal precautions, protec- equipment and emer- y procedures	:	Follow safe handl	tective equipment. ing advice (see section 7) and personal ient recommendations (see section 8).
Envir	onmental 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
	ods and materials for ainment and cleaning up	:	For large spills, pu containment to ke can be pumped, s container. Clean up remainin absorbent. Local or national u disposal of this m employed in the o determine which u 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

	See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.
	If sufficient ventilation is unavailable, use with local exhaust ventilation.
Advice on safe handling :	Do not get on skin or clothing. Do not breathe mist or vapors. Do not swallow. Do not get in eyes. Wash skin thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure assessment Keep container tightly closed. Do not eat, drink or smoke when using this product.



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Hygiene measures		<ul> <li>environment.</li> <li>If exposure to flushing systeplace.</li> <li>When using of Contaminated workplace.</li> <li>Wash contaminated engineering of appropriate d industrial hyg</li> </ul>	prevent spills, waste and minimize release to the ochemical is likely during typical use, provide eye ems and safety showers close to the working do not eat, drink or smoke. d work clothing should not be allowed out of the ninated clothing before re-use. operation of a facility should include review of controls, proper personal protective equipment, egowning and decontamination procedures, iene monitoring, medical surveillance and the strative controls.			
Cond	itions for safe storage	<ul> <li>Keep in properly labeled containers.</li> <li>Store locked up.</li> <li>Keep tightly closed.</li> <li>Keep in a cool, well-ventilated place.</li> <li>Store in accordance with the particular national regulation</li> </ul>				
Mater	ials to avoid	: Do not store Strong oxidiz	with the following product types: ing agents substances 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
Diazinon	333-41-5	TWA (Inhalable fraction and vapor)	0,01 mg/m³	ACGIH
Solvent naphtha (petroleum), light aromatic	64742-95-6	TWA	200 mg/m <sup>3</sup> (total hydrocarbon vapor)	ACGIH

#### **Biological occupational exposure limits**

Components	CAS-No.	Control parameters	Biological specimen	Sam- pling time	Permissible concentra- tion	Basis
Diazinon	333-41-5	erythrocyte acetylcholin esterase activity		End of workday	70 % of baseline	BR BEI
		butyl cholinestera se activity	plasma or serum	End of workday	60 % of baseline	BR BEI
		Acetylcholin	In red	End of	70 % of an	ACGIH



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				esterase activity	blood cells		individual's baseline	BEI
				Butyrylcholi nesterase activity	In serum or plasma	End of shift	60 % of an individual's baseline	ACGIH BEI
Engi	neering measures	:	tecl less All des pro Cor are the cor	nnologies to c s quick connect engineering co sign and opera- tect products, ntainment tech	ontrol airborr ctions). ontrols should ted in accord workers, and nologies sui- ontrol at sour- uncontrolled ces).	te concent d be impled dance with d the enviro table for co ce and to p	ontrolling comp prevent migrati	rip- ility es to pounds
Pers	onal protective equ	ipment						
Fi	iratory protection Iter type I protection	:	<ul> <li>If adequate local exhaust ventilation is not available or exposure assessment demonstrates exposures outside the recommended guidelines, use respiratory protection.</li> <li>Combined particulates and organic vapor type</li> </ul>			e the		
М	aterial	:	Che	emical-resista	nt gloves			
Eye ç	emarks protection	:	<ul> <li>Consider double gloving.</li> <li>Wear safety glasses with side shields or goggles. If the work environment or activity involves dusty conditions, mists or aerosols, wear the appropriate goggles. Wear a faceshield or other full face protection if there is a potential for direct contact to the face with dusts, mists, or aerosols.</li> </ul>					
Skin	and body protection	:	<ul> <li>aerosols.</li> <li>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.</li> </ul>					З,

#### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	:	liquid
Color	:	No data available
Odor	:	No data available
Odor Threshold	:	No data available
рН	:	No data available
Melting point/freezing point	:	No data available
Initial boiling point and boiling	:	No data available



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ra	ange				
F	-lash p	oint	:	No data available	9
E	Evapora	ation rate	:	No data available	9
F	lamma	ability (solid, gas)	:	Not applicable	
F	lamma	ability (liquids)	:	No data available	
		explosion limit / Upper bility limit	:	No data available	
		explosion limit / Lower bility limit	:	No data available	
V	/apor p	ressure	:	No data available	
R	Relative	e vapor density	:	No data available	
F	Relative	edensity	:	No data available	
D	Density		:	No data available	
S	Solubilit Wate	ty(ies) er solubility	:	No data available	
	Partitior	n coefficient: n-	:	Not applicable	
		ition temperature	:	No data available	9
C	Decomp	position temperature	:	No data available	)
V	/iscosit/ Visc	y osity, kinematic	:	No data available	9
E	Explosiv	ve properties	:	Not explosive	
C	Dxidizin	ng properties	:	The substance of	r mixture is not classified as oxidizing.
N	Nolecul	ar weight	:	No data available	9
	Particle Particle	characteristics size	:	Not applicable	

#### SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	Not classified as a reactivity hazard.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reac-	:	Can react with strong oxidizing agents.
tions		
Conditions to avoid	:	None known.
Incompatible materials	:	Oxidizing agents



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Hazaı produ	rdous decomposition	:	No hazardous de	ecomposition products are known.
SECTION	11. TOXICOLOGICAL I	NFO	ORMATION	
Inforn expos	nation on likely routes of sure	:	Inhalation Skin contact Ingestion Eye contact	
	<b>e toxicity</b> ful if swallowed.			
Produ	uct:			
Acute	e oral toxicity	:	Acute toxicity esti Method: Calculati	mate: 1.206 mg/kg on method
Acute	e dermal toxicity	:	Acute toxicity esti Method: Calculati	mate: > 5.000 mg/kg on method
Com	oonents:			
Diazi	non:			
Acute	oral toxicity	:	LD50 (Rat): 1.139	) mg/kg
Acute	inhalation toxicity	:	LC50 (Rat): > 5,4 Exposure time: 4 Test atmosphere:	h
Acute	e dermal toxicity	:	LD50 (Rabbit): >	2.020 mg/kg
Solve	ent naphtha (petroleum	), li	ght aromatic:	
	oral toxicity	:	LD50 (Rat): > 5.0	00 mg/kg
Acute	inhalation toxicity	:	LC50 (Rat): > 5,6 Exposure time: 4 Test atmosphere:	h
Acute	e dermal toxicity	:	LD50 (Rabbit): >	2.000 mg/kg
4-Nor	nylphenol, branched, e	tho	xylated:	
	oral toxicity	:	LD50 (Rat): > 300	) - 2.000 mg/kg on data from similar materials
Acute	e dermal toxicity	:	LD50 (Rabbit): >	2.000 mg/kg
7-Oxa	abicyclo[4.1.0]hept-3-yl	lme	thyl 7-oxabicyclo	[4.1.0]heptane-3-carboxylate:
Acute	e oral toxicity	:	LD50 (Rat, male) Method: OECD T	: > 2.959 - 5.000 mg/kg est Guideline 401
Acute	inhalation toxicity	:	LC50 (Rat): >= 5, Exposure time: 4 Test atmosphere:	h



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				est Guideline 436 substance or mixture has no acute inhala-
Acute	e dermal toxicity	:		000 mg/kg Test Guideline 402 e substance or mixture has no acute dermal
Skin	corrosion/irritation			
Caus	es skin irritation.			
Com	ponents:			
Diazi	non:			
Spec	ies	:	Rabbit	
Resu		:	Mild skin irritation	1
Solve	ent naphtha (petroleu	m). li	oht aromatic:	
Spec		:	Rabbit	
Meth		:	OECD Test Guid	eline 404
Resu	lt	:	Skin irritation	
7-0x	abicyclo[4.1.0]hept-3-	-ylme	thyl 7-oxabicyclo	[4.1.0]heptane-3-carboxylate:
Spec		:	Rabbit	
Meth		:	OECD Test Guid	eline 404
Resu	lt	:	No skin irritation	
Serio	ous eye damage/eye iı	rritati	on	
Caus	es serious eye irritatior	า.		
Com	ponents:			
Solve	ent naphtha (petroleu	m), li	ght aromatic:	
Spec	ies	:	Rabbit	
Resu		:	No eye irritation	
Meth	od	:	OECD Test Guid	eline 405
4-No	nylphenol, branched,	etho	xylated:	
Spec		:	Rabbit	
Resu	lt	:	Irritation to eyes,	reversing within 21 days
7-0x	abicyclo[4.1.0]hept-3-	-vlme	thyl 7-oxabicyclo	[4.1.0]heptane-3-carboxylate:
Spec		:	Rabbit	
Resu		:	No eye irritation	
Meth	od	:	OECD Test Guid	eline 405
Resp	piratory or skin sensit	izatio	n	
Skin	sensitization			
	cause an allergic skin r	eactio	on.	
may		22000		



Respiratory sensitization         Not classified based on available information.         Components:         Diazinon:         Test Type       ::       Buehler Test         Routes of exposure       ::       Skin contact         Species       ::       Culinea pig         Result       ::       negative         Solvent naphtha (petroleum), light aromatic:       :         Test Type       ::       Buehler Test         Routes of exposure       ::       Skin contact         Species       ::       Guinea pig         Result       :       negative         4-Nonylphenol, branched, ethoxylated:       .         Test Type       ::       Human repeat insuit patch test (HRIPT)         Routes of exposure       :       Skin contact         Result       ::       negative         Remarks       ::       Based on data from similar materials         7-Oxabicyclo[4.1.0]hept-3-ylmethyl 7-oxabicyclo[4.1.0]heptane-3-carboxylate:       Test Type         Test Type       ::       Maximization Test         Routes of exposure       :       Skin contact         Species       :       Ouinea pig         Result	ersion 0	Revision Date: 28.09.2024	SDS Number: 11292251-0000	Date of last issue: 07.11.2023 2 Date of first issue: 07.11.2023
Components:         Diazinon:         Test Type       Buehler Test         Roules of exposure       Skin contact         Species       Colspan="2">Colspan="2"         Colspan= Colspan="2"         Colspan= Colspan="2"         Colspan= Colspan="2"	Respi	iratory sensitization		
Diazinon:         Test Type       :       Buehler Test         Routes of exposure       :       Skin contact         Species       :       Guinea pig         Result       :       negative         Solvent naphtha (petroleum), light aromatic:	Not cl	assified based on ava	ilable information.	
Test Type       :       Buehler Test         Routes of exposure       :       Skin contact         Species       :       Guinea pig         Result       :       negative         Solvent naphtha (petroleum), light aromatic:	<u>Comp</u>	oonents:		
Routes of exposure       :       Skin contact         Species       :       Guinea pig         Result       :       negative         Solvent naphtha (petroleum), light aromatic:       Test Type       :         Test Type       :       Buehler Test         Routes of exposure       :       Skin contact         Species       :       Guinea pig         Result       :       negative         4-Nonylphenol, branched, ethoxylated:       .         Test Type       :       Human repeat insult patch test (HRIPT)         Routes of exposure       :       Skin contact         Result       :       negative         Result       :       negative         Remarks       :       Based on data from similar materials         7-Oxabicyclo[4.1.0]hept-3-ylmethyl 7-oxabicyclo[4.1.0]heptane-3-carboxylate:       .         Test Type       :       Maximization Test         Routes of exposure       :       Skin contact         Species       :       Guinea pig         Result       :       positive         IAssessment       :       Probability or evidence of skin sensitization in humans         Gerno colxicity in vitro       :       Test Type: Bacterial	Diazir	non:		
Species       : Guinea pig         Result       : negative         Solvent naphtha (petroleum), light aromatic:         Test Type       : Buehler Test         Routes of exposure       : Skin contact         Species       :: Guinea pig         Result       : negative         4-Nonylphenol, branched, ethoxylated:         Test Type       : Human repeat insult patch test (HRIPT)         Routes of exposure       : Skin contact         Result       : negative         Returns       : Based on data from similar materials         7-Oxabicyclo[4.1.0]hept-3-ylmethyl 7-oxabicyclo[4.1.0]heptane-3-carboxylate:         Test Type       : Maximization Test         Routes of exposure       : Skin contact         Species       : Guinea pig         Result       : positive         IAssessment       : Probability or evidence of skin sensitization in humans         Germ cell mutagenicity       May cause genetic defects.         Components:       Diazinon:         Genotoxicity in vitro       : Test Type: Sacterial reverse mutation assay (AMES)         Result: negative       Test Type: In vitro mammalian cell gene mutation test Result: negative         Genotoxicity in vivo       : Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay)				
Result       : negative         Solvent naphtha (petroleum), light aromatic:         Test Type       :: Buehler Test         Routes of exposure       : Skin contact         Species       :: Guinea pig         Result       : negative         4-Nonylphenol, branched, ethoxylated:         Test Type       : Human repeat insult patch test (HRIPT)         Routes of exposure       : Skin contact         Result       : negative         Remarks       : Based on data from similar materials         7-Oxabicyclo[4.1.0]hept-3-ylmethyl 7-oxabicyclo[4.1.0]heptane-3-carboxylate:         Test Type       : Maximization Test         Routes of exposure       : Skin contact         Species       : Guinea pig         Result       : positive         IAssessment       : Probability or evidence of skin sensitization in humans         Germ cell mutagenicity       May cause genetic defects.         Components:       Diazinon:         Genotoxicity in vitro       : Test Type: In vitro mammalian cell gene mutation test Result: negative         Test Type: In vitro mammalian erythrocyte micronucleus test (in vivo cytogenetic assay)         Species: Rat       Application Route: Intraperitoneal injection Result: positive				
Test Type       :       Buehler Test         Routes of exposure       :       Skin contact         Species       :       Guinea pig         Result       :       negative         4-Nonylphenol, branched, ethoxylated:       :         Test Type       :       Human repeat insult patch test (HRIPT)         Routes of exposure       :       Skin contact         Result       :       negative         Remarks       :       Based on data from similar materials         7-Oxabicyclo[4.1.0]hept-3-ylmethyl 7-oxabicyclo[4.1.0]heptane-3-carboxylate:       Test Type         Test Type       :       Maximization Test         Routes of exposure       :       Skin contact         Species       :       Guinea pig         Result       :       positive         IAssessment       :       Probability or evidence of skin sensitization in humans         Gern cell mutagenicity       May cause genetic defects.       Components:         Diazinon:       :       Test Type: In vitro mammalian cell gene mutation test Result: negative         Genotoxicity in vitro       :       Test Type: Chromosome aberration test in vitro Result: negative         Genotoxicity in vivo       :       Test Type: Mammalian erythrocyte micronucleus test (in vivo				
Test Type       :       Buehler Test         Routes of exposure       :       Skin contact         Species       :       Guinea pig         Result       :       negative         4-Nonylphenol, branched, ethoxylated:       :         Test Type       :       Human repeat insult patch test (HRIPT)         Routes of exposure       :       Skin contact         Result       :       negative         Remarks       :       Based on data from similar materials         7-Oxabicyclo[4.1.0]hept-3-ylmethyl 7-oxabicyclo[4.1.0]heptane-3-carboxylate:       Test Type         Test Type       :       Maximization Test         Routes of exposure       :       Skin contact         Species       :       Guinea pig         Result       :       positive         IAssessment       :       Probability or evidence of skin sensitization in humans         Gern cell mutagenicity       May cause genetic defects.       Components:         Diazinon:       :       Test Type: In vitro mammalian cell gene mutation test Result: negative         Genotoxicity in vitro       :       Test Type: Chromosome aberration test in vitro Result: negative         Genotoxicity in vivo       :       Test Type: Mammalian erythrocyte micronucleus test (in vivo	Solve	nt nanhtha (netroleu	ım) light aromatic	
Routes of exposure       :       Skin contact         Species       :       Guinea pig         Result       :       negative         4-Nonylphenol, branched, ethoxylated:			. –	
Species       :       Guinea pig         Result       :       negative         4-Nonylphenol, branched, ethoxylated:       Test Type       :         Test Type       :       Human repeat insult patch test (HRIPT)         Routes of exposure       :       Skin contact         Result       :       negative         Remarks       :       Based on data from similar materials         7-Oxabicyclo[4.1.0]hept-3-ylmethyl 7-oxabicyclo[4.1.0]heptane-3-carboxylate:       Test Type         Test Type       :       Maximization Test         Routes of exposure       :       Skin contact         Species       :       Guinea pig         Result       :       positive         I Assessment       :       Probability or evidence of skin sensitization in humans         Germ cell mutagenicity       May cause genetic defects.       Components:         Diazinon:       :       Test Type: In vitro mammalian cell gene mutation test Result: negative         Genotoxicity in vitro       :       Test Type: In vitro mammalian cell gene mutation test Result: negative         Genotoxicity in vivo       :       Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay) Species: Rat Application Route: Intraperitoneal injection Result: positive	Route	s of exposure		
4-Nonylphenol, branched, ethoxylated:         Test Type       Human repeat insult patch test (HRIPT)         Routes of exposure       Skin contact         Result       in egative         Remarks       Based on data from similar materials         7-Oxabicyclo[4.1.0]hept-3-ylmethyl 7-oxabicyclo[4.1.0]heptane-3-carboxylate:         Test Type       Maximization Test         Routes of exposure       Skin contact         Species       Guinea pig         Result       positive         Assessment       Probability or evidence of skin sensitization in humans         Germ cell mutagenicity       May cause genetic defects.         Components:       Diazinon:         Genotoxicity in vitro       Test Type: In vitro mammalian cell gene mutation test Result: negative         Test Type: Chromosome aberration test in vitro Result: negative       Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay) Species: Rat Application Route: Intraperitoneal injection Result: positive	Speci	es	: Guinea pig	
Test Type       :       Human repeat insult patch test (HRIPT)         Routes of exposure       :       Skin contact         Result       :       negative         Remarks       :       Based on data from similar materials         7-Oxabicyclo[4.1.0]hept-3-ylmethyl 7-oxabicyclo[4.1.0]heptane-3-carboxylate:         Test Type       :       Maximization Test         Routes of exposure       :       Skin contact         Species       :       Guinea pig         Result       :       positive         Assessment       :       Probability or evidence of skin sensitization in humans         Germ cell mutagenicity       May cause genetic defects.         Components:       Diazinon:         Genotoxicity in vitro       :       Test Type: Bacterial reverse mutation assay (AMES) Result: negative         Test Type: In vitro mammalian cell gene mutation test Result: negative       Test Type: Chromosome aberration test in vitro Result: negative         Genotoxicity in vivo       :       Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay)         Species: Rat Application Route: Intraperitoneal injection Result: positive       Application Route: Intraperitoneal injection	Resul	t	: negative	
Routes of exposure       :       Skin contact         Result       :       negative         Remarks       :       Based on data from similar materials         7-Oxabicyclo[4.1.0]hept-3-ylmethyl 7-oxabicyclo[4.1.0]heptane-3-carboxylate:         Test Type       :       Maximization Test         Routes of exposure       :       Skin contact         Species       :       Guinea pig         Result       :       positive         Assessment       :       Probability or evidence of skin sensitization in humans         Germ cell mutagenicity       May cause genetic defects.         Components:       Diazinon:         Genotoxicity in vitro       :       Test Type: Bacterial reverse mutation assay (AMES) Result: negative         Test Type: In vitro mammalian cell gene mutation test Result: negative       Test Type: Chromosome aberration test in vitro Result: negative         Genotoxicity in vivo       :       Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay)         Species: Rat Application Route: Intraperitoneal injection Result: positive       Application Route: Intraperitoneal injection	4-Nor	ylphenol, branched	, ethoxylated:	
Result       : negative         Remarks       : Based on data from similar materials <b>7-Oxabicyclo[4.1.0]hept-3-ylmethyl 7-oxabicyclo[4.1.0]heptane-3-carboxylate:</b> Test Type       : Maximization Test         Routes of exposure       : Skin contact         Species       : Guinea pig         Result       : positive         Assessment       : Probability or evidence of skin sensitization in humans         Germ cell mutagenicity         May cause genetic defects.         Components:         Diazinon:         Genotoxicity in vitro       : Test Type: Bacterial reverse mutation assay (AMES) Result: negative         Test Type: In vitro mammalian cell gene mutation test Result: negative         Genotoxicity in vitro       : Test Type: Chromosome aberration test in vitro Result: negative         Genotoxicity in vivo       : Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay)         Species: Rat Application Route: Intraperitoneal injection Result: positive				
Remarks       :       Based on data from similar materials         7-Oxabicyclo[4.1.0]hept-3-ylmethyl 7-oxabicyclo[4.1.0]heptane-3-carboxylate:         Test Type       :       Maximization Test         Routes of exposure       :       Skin contact         Species       :       Guinea pig         Result       :       positive         Assessment       :       Probability or evidence of skin sensitization in humans         Germ cell mutagenicity       May cause genetic defects.         Components:       Diazinon:         Genotoxicity in vitro       :       Test Type: Bacterial reverse mutation assay (AMES) Result: negative         Test Type: In vitro mammalian cell gene mutation test Result: negative       Test Type: Chromosome aberration test in vitro Result: negative         Genotoxicity in vivo       :       Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay)         Species: Rat Application Route: Intraperitoneal injection Result: positive       Application Route: Intraperitoneal injection				
<b>7-Oxabicyclo[4.1.0]hept-3-ylmethyl 7-oxabicyclo[4.1.0]heptane-3-carboxylate:</b> Test Type       Maximization Test         Routes of exposure       Skin contact         Species       Guinea pig         Result       positive         Assessment       Probability or evidence of skin sensitization in humans         Germ cell mutagenicity         May cause genetic defects.         Components:         Diazinon:         Genotoxicity in vitro       Test Type: Bacterial reverse mutation assay (AMES) Result: negative         Test Type: In vitro mammalian cell gene mutation test Result: negative         Genotoxicity in vivo       Test Type: Chromosome aberration test in vitro Result: negative         Genotoxicity in vivo       Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay) Species: Rat Application Route: Intraperitoneal injection Result: positive				to from similar motorials
Test Type:Maximization TestRoutes of exposure:Skin contactSpecies:Guinea pigResult:positiveAssessment:Probability or evidence of skin sensitization in humansGerm cell mutagenicity May cause genetic defectsComponents:Diazinon:Genotoxicity in vitro:Test Type: Bacterial reverse mutation assay (AMES) Result: negativeGenotoxicity in vitro:Test Type: In vitro mammalian cell gene mutation test Result: negativeGenotoxicity in vivo:Test Type: Chromosome aberration test in vitro Result: negativeGenotoxicity in vivo:Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay) Species: Rat Application Route: Intraperitoneal injection Result: positive			. Dubbu on ut	
Routes of exposure       :       Skin contact         Species       :       Guinea pig         Result       :       positive         Assessment       :       Probability or evidence of skin sensitization in humans         Germ cell mutagenicity       May cause genetic defects.         Components:       Diazinon:         Genotoxicity in vitro       :       Test Type: Bacterial reverse mutation assay (AMES) Result: negative         Test Type: In vitro mammalian cell gene mutation test Result: negative       Test Type: Chromosome aberration test in vitro Result: negative         Genotoxicity in vivo       :       Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay) Species: Rat Application Route: Intraperitoneal injection Result: positive				
Species       :       Guinea pig         Result       :       positive         Assessment       :       Probability or evidence of skin sensitization in humans         Germ cell mutagenicity       May cause genetic defects.				
Result       : positive         Assessment       : Probability or evidence of skin sensitization in humans         Germ cell mutagenicity May cause genetic defects.       : Probability or evidence of skin sensitization in humans         Diazinon:       : Senotoxicity in vitro       : Test Type: Bacterial reverse mutation assay (AMES) Result: negative         Genotoxicity in vitro       : Test Type: In vitro mammalian cell gene mutation test Result: negative         Test Type: Chromosome aberration test in vitro Result: negative         Genotoxicity in vivo       : Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay) Species: Rat Application Route: Intraperitoneal injection Result: positive				
Assessment       :       Probability or evidence of skin sensitization in humans         Germ cell mutagenicity May cause genetic defects.       :       Probability or evidence of skin sensitization in humans         Diazinon:       :       :       Components:         Diazinon:       :       Test Type: Bacterial reverse mutation assay (AMES) Result: negative         Genotoxicity in vitro       :       Test Type: In vitro mammalian cell gene mutation test Result: negative         Test Type: Chromosome aberration test in vitro Result: negative       Test Type: Chromosome aberration test in vitro Result: negative         Genotoxicity in vivo       :       Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay) Species: Rat Application Route: Intraperitoneal injection Result: positive				
Germ cell mutagenicity         May cause genetic defects.         Components:         Diazinon:         Genotoxicity in vitro       : Test Type: Bacterial reverse mutation assay (AMES) Result: negative         Test Type: In vitro mammalian cell gene mutation test Result: negative         Test Type: Chromosome aberration test in vitro Result: negative         Genotoxicity in vivo       : Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay) Species: Rat Application Route: Intraperitoneal injection Result: positive				
May cause genetic defects.         Components:         Diazinon:         Genotoxicity in vitro       : Test Type: Bacterial reverse mutation assay (AMES) Result: negative         Test Type: In vitro mammalian cell gene mutation test Result: negative         Test Type: Chromosome aberration test in vitro Result: negative         Genotoxicity in vivo       : Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay) Species: Rat Application Route: Intraperitoneal injection Result: positive	Asses	sment	: Probability c	or evidence of skin sensitization in numans
Components:         Diazinon:         Genotoxicity in vitro       : Test Type: Bacterial reverse mutation assay (AMES) Result: negative         Test Type: In vitro mammalian cell gene mutation test Result: negative         Test Type: Chromosome aberration test in vitro Result: negative         Genotoxicity in vivo       : Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay) Species: Rat Application Route: Intraperitoneal injection Result: positive	Germ	cell mutagenicity		
Diazinon:       : Test Type: Bacterial reverse mutation assay (AMES) Result: negative         Genotoxicity in vitro       : Test Type: In vitro mammalian cell gene mutation test Result: negative         Test Type: Chromosome aberration test in vitro Result: negative         Genotoxicity in vivo       : Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay) Species: Rat Application Route: Intraperitoneal injection Result: positive	May c	ause genetic defects.		
Genotoxicity in vitro       : Test Type: Bacterial reverse mutation assay (AMES) Result: negative         Test Type: In vitro mammalian cell gene mutation test Result: negative       Test Type: Chromosome aberration test in vitro Result: negative         Genotoxicity in vivo       : Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay) Species: Rat Application Route: Intraperitoneal injection Result: positive	<u>Comp</u>	oonents:		
Result: negative         Test Type: In vitro mammalian cell gene mutation test         Result: negative         Test Type: Chromosome aberration test in vitro         Result: negative         Genotoxicity in vivo         :       Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay)         Species: Rat         Application Route: Intraperitoneal injection         Result: positive	Diazir	non:		
Result: negative         Test Type: Chromosome aberration test in vitro         Result: negative         Genotoxicity in vivo         :       Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay)         Species: Rat         Application Route: Intraperitoneal injection         Result: positive	Genot	toxicity in vitro		
Genotoxicity in vivo       : Test Type: Mammalian erythrocyte micronucleus test (in vivo cytogenetic assay)         Species: Rat       Application Route: Intraperitoneal injection         Result: positive       : positive				
cytogenetic assay) Species: Rat Application Route: Intraperitoneal injection Result: positive				
Germ cell mutagenicity	Genot	toxicity in vivo	cytogenetic Species: Ra Application I	assay) t Route: Intraperitoneal injection
	Germ	cell mutagenicity -	: Positive resu	ult(s) from in vivo mammalian somatic cell



Version 2.0	Revision Date: 28.09.2024	SDS Number 11292251-00					
Asses	sment	mutagenio	ty tests.				
Solve	nt naphtha (petrole	ım), light aroma	ic:				
	Genotoxicity in vitro		: Test Type: Bacterial reverse mutation assay (AMES) Result: negative				
		Test Type Result: pc	: In vitro mammalian cell gene mutation test sitive				
Genot	Genotoxicity in vivo		: Sister chromatid exchange analysis in spermato- <i>I</i> louse				
		•	n Route: Intraperitoneal injection				
	cell mutagenicity - sment	: Positive re tests in m	esult(s) from in vivo heritable germ cell mutagenicit ammals	ty			
4-Non	ylphenol, branched	, ethoxylated:					
Genot	oxicity in vitro	: Test Type Result: ne	: Bacterial reverse mutation assay (AMES) gative				
			: DNA damage and repair, unscheduled DNA syn- nammalian cells (in vitro) gative				
II 7-Oxa	bicyclo[4 1 0]bent-3	-vimethvi 7-oxal	bicyclo[4.1.0]heptane-3-carboxylate:				
	oxicity in vitro	: Test Type	: Bacterial reverse mutation assay (AMES) DECD Test Guideline 471				
		Test Type Result: pc	: In vitro mammalian cell gene mutation test sitive				
		Test Type malian ce Result: po		-			
			: DNA damage and repair, unscheduled DNA syn- nammalian cells (in vitro) sitive				
Genot	oxicity in vivo	mammalia Species: I Applicatio	n Route: Ingestion )ECD Test Guideline 486				
		Species: I	: Micronucleus test Jouse n Route: Intraperitoneal injection				



Version 2.0	Revision Date: 28.09.2024		S Number: 292251-00002	Date of last issue: 07.11.2023 Date of first issue: 07.11.2023
П			Result: negative	
			Test Type: Transo say Species: Mouse Application Route Method: OECD To Result: positive	
	n cell mutagenicity - essment	:	Positive result(s) t mutagenicity tests	from in vivo mammalian somatic cell S.
	c <b>inogenicity</b> cause cancer.			
Com	ponents:			
Diaz	inon:			
Spec		:	Rat	
Appl	ication Route	:	Ingestion	
	osure time	:	104 weeks	
Resu		:	negative	
Carc men	cinogenicity - Assess- t	:	Sufficient evidenc	e of carcinogenicity in animal experiments
Solv	ent naphtha (petroleun	n), lig	ght aromatic:	
Spec			Mouse	
	ication Route		Skin contact	
	osure time	:	2 Years	
Resu	JIT	:	positive	
Carc men	cinogenicity - Assess- t	:	Sufficient evidenc	e of carcinogenicity in animal experiments
4-No	onylphenol, branched, e	ethox	vlated:	
Spec		:	Rat	
	ication Route	:	Ingestion	
	osure time	:	2 Years	
Resu Rem		:	negative Based on data fro	om similar materials
		Imet		[4.1.0]heptane-3-carboxylate:
Spec		:	Mouse	
	ication Route	÷	Skin contact 29 Months	
Resi			negative	
I Nest		•	nogativo	
Rep	roductive toxicity			
Not	classified based on availa	able i	nformation.	
Com	ponents:			

#### Diazinon:



Version 2.0	Revision Date: 28.09.2024	-	9S Number: 292251-00002	Date of last issue: 07.11.2023 Date of first issue: 07.11.2023
Effects	s on fertility	:	Test Type: Three Species: Rat Application Route Result: negative	e-generation study e: Ingestion
Effects	s on fetal development	:	Test Type: Embr Species: Rat Application Route Result: negative	yo-fetal development e: Ingestion
Solve	nt naphtha (petroleum	n), li	ght aromatic:	
	s on fertility	:	Test Type: Repro test Species: Rat	oduction/Developmental toxicity screening e: inhalation (vapor)
Effects	s on fetal development	:	Species: Rat	yo-fetal development e: inhalation (vapor)
II 7 Ove	hievele[4.4.0]hert 2.v		(hul 7 avabiavala	[4.4.0] houtons 2 comboundates
	s on fetal development		Test Type: Embr Species: Rat Application Route	<b>[4.1.0]heptane-3-carboxylate:</b> yo-fetal development e: Ingestion est Guideline 414
May c	-single exposure ause drowsiness or diz es damage to organs (N			
Comp	onents:			
Diazir	on.			
Route Targe	s of exposure t Organs sment	: :		e significant health effects in animals at con- 0 mg/kg bw or less.
Salva	nt nonhtha (notrolaum		abt cromotic.	
Asses	<b>nt naphtha (petroleum</b> sment	יז, ווי :	-	siness or dizziness.
	-repeated exposure ause damage to organs	s (Ne	ervous system) thr	ough prolonged or repeated exposure.
<u>Comp</u>	onents:			
Diazir	ion:			
Route	s of exposure	:	Ingestion	



Version 2.0	Revision Date: 28.09.2024	SDS Number: 11292251-00002	Date of last issue: 07.11.2023 Date of first issue: 07.11.2023
Asses	ssment		duce significant health effects in animals at con- >10 to 100 mg/kg bw.
Route Targe	abicyclo[4.1.0]hept-3- as of exposure t Organs asment	: Ingestion : nasal cavity : Shown to proc	<b>clo[4.1.0]heptane-3-carboxylate:</b> duce significant health effects in animals at con- >10 to 100 mg/kg bw.
Repe	ated dose toxicity		
Comp	oonents:		
Diaziı			
	EL	: Rat : 0,3 mg/kg : 15 mg/kg : Ingestion : 90 Days	
	EL	: Rat : 0,1 mg/l : 0,75 mg/l : inhalation (dus : 28 Days	st/mist/fume)
Solve	nt naphtha (petroleu	n) light aromatic:	
Speci LOAE Applic	es	: Rat : 500 mg/kg : Ingestion : 28 Days	
4-Nor	ylphenol, branched,	ethoxylated:	
	L cation Route sure time	: Rat : > 100 mg/kg : Ingestion : 90 Days : Based on data	a from similar materials
7-Oxa	bicyclo[4.1.0]hept-3-	ylmethyl 7-oxabicy	clo[4.1.0]heptane-3-carboxylate:
Speci NOAE LOAE Applic	es EL EL cation Route sure time	: Rat : 5 mg/kg : 50 mg/kg : Ingestion : 90 Days : OECD Test G	

#### Aspiration toxicity

May be fatal if swallowed and enters airways.



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Com	ponents:						
The	Solvent naphtha (petroleum), light aromatic: The substance or mixture is known to cause human aspiration toxicity hazards or has to be re-						
gard	garded as if it causes a human aspiration toxicity hazard.						
Expe	erience with human exp	osu	Ire				
	ponents:						
	Diazinon:         Inhalation       : Symptoms: carcinogenic effects						
SECTION	I 12. ECOLOGICAL INFO	DRN	IATION				
Ecot	oxicity						
<u>Com</u>	ponents:						
Diaz	inon:						
Τοχία	city to fish	:	LC50 (Oncorhync Exposure time: 96	hus mykiss (rainbow trout)): 0,09 mg/l 5 h			
	city to daphnia and other atic invertebrates	:	EC50 (Ceriodaphi Exposure time: 48	nia dubia (water flea)): 0,000164 mg/l 3 h			
M-Fa icity)	actor (Acute aquatic tox-	:	1.000				
	city to fish (Chronic tox-	:	NOEC (Pimephale Exposure time: 34	es promelas (fathead minnow)): 0,092 mg/l l d			
aqua	city to daphnia and other tic invertebrates (Chron- kicity)	:	NOEC (Daphnia r Exposure time: 21	nagna (Water flea)): 0,00017 mg/l d			
	actor (Chronic aquatic	:	100				
Solv	ent naphtha (petroleum	), li	ght aromatic:				
Τοχία	city to fish	:	Exposure time: 96	s promelas (fathead minnow)): 8,2 mg/l 5 h Vater Accommodated Fraction			
	city to daphnia and other atic invertebrates	:	Exposure time: 48	Vater Accommodated Fraction			
Toxic plant	city to algae/aquatic ts	:	Exposure time: 96	Vater Accommodated Fraction			
			NOELR (Pseudok mg/l Exposure time: 96	irchneriella subcapitata (microalgae)): 0,5 Sh			
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/ersion 2.0	Revision Date: 28.09.2024		S Number: 292251-00002	Date of last issue: 07.11.2023 Date of first issue: 07.11.2023	
			Test substance: V Method: OECD Te	Vater Accommodated Fraction est Guideline 201	
aquat	Toxicity to daphnia and other aquatic invertebrates (Chron- ic toxicity)		NOELR (Daphnia magna (Water flea)): 2,6 mg/l Exposure time: 21 d Test substance: Water Accommodated Fraction Method: OECD Test Guideline 211		
4-Noi	nylphenol, branched, e	tho	vlated:		
	ity to fish	:	LC50 (Pimephales Exposure time: 96	s promelas (fathead minnow)): > 0,1 - 1 mg/l 5 h on data from similar materials	
	ity to daphnia and other tic invertebrates	:	Exposure time: 48	nia dubia (water flea)): > 0,1 - 1 mg/l 5 h on data from similar materials	
Toxic plants	ity to algae/aquatic	:	mg/l Exposure time: 72 Method: OECD Te		
			Exposure time: 72 Method: OECD Te		
M-Fa	ctor (Acute aquatic tox-	:	1		
	ity to fish (Chronic tox-	:	Exposure time: 10	tipes (Japanese medaka)): > 0,1 - 1 mg/l 00 d on data from similar materials	
	ity to daphnia and other tic invertebrates (Chron- icity)	:	mg/l Exposure time: 28	s bahia (opossum shrimp)): > 0,001 - 0,01 d on data from similar materials	
M-Fa toxicit	ctor (Chronic aquatic ty)	:	10		
7-0xa	abicyclo[4.1.0]hept-3-yl	lme	thyl 7-oxabicyclo[	4.1.0]heptane-3-carboxylate:	
Toxic	ity to fish	:	LC50 (Oncorhync Exposure time: 96 Method: OECD Te		
	ity to daphnia and other tic invertebrates	:	EC50 (Daphnia m Exposure time: 48 Method: OECD Te		
Toxic plants	ity to algae/aquatic s	:	ErC50 (Raphidoce 110 mg/l Exposure time: 72 Method: OECD Te		
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ersion .0	Revision Date: 28.09.2024	-	OS Number: 292251-00002	Date of last issue: 07.11.2023 Date of first issue: 07.11.2023	
			mg/l Exposure time: 7	celis subcapitata (freshwater green alga)): 30 ′2 h Γest Guideline 201	
Toxic	Toxicity to microorganisms		EC10 (activated sludge): 409 mg/l Exposure time: 3 h Method: OECD Test Guideline 209		
Persi	stence and degradab	ility			
<u>Comp</u>	oonents:				
Solve	ent naphtha (petroleu	m), li	ght aromatic:		
Biode	gradability	:	Result: Inherentl Biodegradation: Exposure time: 2	94 %	
4-Nor	ylphenol, branched,	etho	xylated:		
Biode	gradability	:		ily biodegradable. I on data from similar materials	
7-Oxa	abicyclo[4.1.0]hept-3-	ylme	thyl 7-oxabicyclo	b[4.1.0]heptane-3-carboxylate:	
Biode	gradability	:	Biodegradation: Exposure time: 2		
Bioad	cumulative potential				
Com	oonents:				
Diazi	non:				
Bioac	cumulation	:	Species: Cyprinu Bioconcentration	us carpio (Carp) factor (BCF): 46,9	
	on coefficient: n- ol/water	:	log Pow: 3,69		
	ylphenol, branched,		•		
	on coefficient: n- ol/water	:	log Pow: < 4		
7-Oxa	abicyclo[4.1.0]hept-3-	ylme	thyl 7-oxabicyclo	o[4.1.0]heptane-3-carboxylate:	
	on coefficient: n- ol/water	:	log Pow: 1,34 Method: OECD	Test Guideline 107	
	<b>ity in soil</b> Ita available				
	adverse effects ata available				
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ersion .0	Revision Date: 28.09.2024	SDS Number:Date of last issue: 07.11.202311292251-00002Date of first issue: 07.11.2023			
ECTION	13. DISPOSAL CONSI	DERATIONS			
Dispo	osal methods				
-	e from residues	: Do not dispose of waste into sewer.			
Contaminated packaging		<ul> <li>Dispose of in accordance with local regulations.</li> <li>Empty containers should be taken to an approved waste handling site for recycling or disposal.</li> <li>If not otherwise specified: Dispose of as unused product.</li> </ul>			
ECTION	14. TRANSPORT INFO	RMATION			
Interr	national Regulations				
UNR	ſDG				
	umber	: UN 3082			
Prope	er shipping name	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUII N.O.S.			
Class		(Diazinon, 4-Nonylphenol, branched, ethoxylated) : 9			
	ng group	. 9 : III			
Label		: 9			
Enviro	onmentally hazardous	: yes			
	-DGR				
UN/IE	) No.	: UN 3082			
	er shipping name	: Environmentally hazardous substance, liquid, n.o.s. (Diazinon, 4-Nonylphenol, branched, ethoxylated)			
Class		: 9 : III			
Label	ng group s	: Miscellaneous			
	ng instruction (cargo	: 964			
ger ai		: 964			
Enviro	onmentally hazardous	: yes			
-	-Code				
	umber				
Prope	er shipping name	<ul> <li>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUII N.O.S. (Diazinon, 4-Nonylphenol, branched, ethoxylated)</li> </ul>			
Class		: 9			
	ng group	: 111			
Label	S	: 9			
EmS		: F-A, S-F			
	e pollutant	: yes			
	sport in bulk according pplicable for product as	to Annex II of MARPOL 73/78 and the IBC Code supplied.			
Dome	estic regulation				
ΑΝΤΤ	-				
	umber	: UN 3082			
	er shipping name	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUII N.O.S.			



Version 2.0	Revision Date: 28.09.2024	SDS Number: 11292251-00002	Date of last issue: 07.11.2023 Date of first issue: 07.11.2023				
Label	ng group	: 9 : III : 9	nylphenol, branched, ethoxylated)				
Speci	ial precautions for use	er					
based Sheet	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.						
SECTION	15. REGULATORY INI	FORMATION					
mixtu	Safety, health and environmental regulations/legislation specific for the substance or mixture National List of Carcinogenic Agents for Humans - (LINACH)						
	Group 2B: Possibly carcinogenic to humans Solvent naphtha (petroleum), light aromatic 64742-95-6						
Brazil Police	. List of chemicals contree	rolled by the Federal	: Solvent naphtha (petroleum), light aromatic				
The ingredients of this product are reported in the following inventories:							
AICS		: not determined					
DSL		: not determined					
IECS	C	: not determined					

#### **SECTION 16. OTHER INFORMATION**

Revision Date	: 28.0	9.2024
Date format	: dd.r	nm.yyyy

#### Further information

Sources of key data used to	:	Internal technical data, data from raw material SDSs, OECD
compile the Material Safety Data Sheet		eChem Portal search results and European Chemicals Agen- cy, http://echa.europa.eu/
		-,,

Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

#### Full text of other abbreviations

ACGIH ACGIH BEI BR BEI		USA. ACGIH Threshold Limit Values (TLV) ACGIH - Biological Exposure Indices (BEI) Brazil. NR7. Parameters for Biological Control of Occupational Exposure to Some Chemical Agents
ACGIH / TWA	:	8-hour, time-weighted average



### **Diazinon (47%) Liquid Formulation**

Version	Revision Date:	SDS Number:	Date of last issue: 07.11.2023
2.0	28.09.2024	11292251-00002	Date of first issue: 07.11.2023

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 Recommendations 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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