

Diazinon Formulation

Version	Revision Date: 30.09.2023	SDS Number:	Date of last issue: 12.07.2023
2.2		7699411-00008	Date of first issue: 22.12.2020

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Diazinon Formulation						
Manufacturer or supplier's details								
Company name of supplier	:	MSD						
Address	:	126 E. Lincoln Avenue						
		Rahway, New Jersey U.S.A. 07065						
Telephone	:	908-740-4000						
Emergency telephone	:	1-908-423-6000						
E-mail address	:	EHSDATASTEWARD@msd.com						
Recommended use of the chemical and restrictions on use								
Recommended use	:	Veterinary product						
Restrictions on use	:	Not applicable						

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification		
Acute toxicity (Oral)	:	Category 4
Acute toxicity (Dermal)	:	Category 5
Skin corrosion/irritation	:	Category 2
Serious eye damage/eye irritation	:	Category 1
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, nasal cavity)
Aspiration hazard	:	Category 1
GHS label elements		
Hazard pictograms	:	
Signal Word	:	Danger



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Haza	rd Statements	H313 May be h H315 Causes s H317 May caus H318 Causes s H336 May caus H340 May caus H350 May caus H370 Causes d H373 May caus	ital if swallowed and enters airways. armful in contact with skin. kin irritation. e an allergic skin reaction. erious eye damage. e drowsiness or dizziness. e genetic defects.
Precautionary Statements		P202 Do not ha and understood P260 Do not br P264 Wash skin P270 Do not ea P271 Use only P272 Contamin the workplace.	ecial instructions before use. ndle until all safety precautions have been read eathe mist or vapors. In thoroughly after handling. t, drink or smoke when using this product. putdoors or in a well-ventilated area. ated work clothing should not be allowed out of rective gloves/ protective clothing/ eye protection
		CENTER or doo P302 + P352 IF P304 + P340 + and keep at res POISON CENT P305 + P351 + water for severa and easy to do. CENTER or doo P308 + P311 IF CENTER/ docto P331 Do NOT i P333 + P313 If attention.	ON SKIN: Wash with plenty of water. P312 IF INHALED: Remove victim to fresh air t in a position comfortable for breathing. Call a ER or doctor/ physician if you feel unwell. P338 + P310 IF IN EYES: Rinse cautiously wit al minutes. Remove contact lenses, if present Continue rinsing. Immediately call a POISON ctor/ physician. exposed or concerned: Call a POISON or.
		Storage: P405 Store lock Disposal: P501 Dispose c	ed up. of contents/ container to an approved waste dis



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Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

· •		
Chemical name	CAS-No.	Concentration (% w/w)
Diazinon	333-41-5	>= 50 -< 70
Solvent naphtha (petroleum), light aromatic	64742-95-6	>= 20 -< 30
Nonylphenol, ethoxylated	9016-45-9	>= 20 -< 30
7-Oxabicyclo[4.1.0]hept-3-ylmethyl 7-	2386-87-0	>= 5 -< 10
oxabicyclo[4.1.0]heptane-3-carboxylate		

SECTION 4. FIRST AID MEASURES

General advice	:	In the case of accident or if you feel unwell, seek medical advice immediately. When symptoms persist or in all cases of doubt seek medical advice.
If inhaled In case of skin contact	:	If inhaled, remove to fresh air. Get medical attention. In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.
In case of eye contact	:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lens, if worn. Get medical attention immediately.
If swallowed	:	If swallowed, DO NOT induce vomiting. If vomiting occurs have person lean forward. Call a physician or poison control center immediately. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person.
Most important symptoms and effects, both acute and delayed	:	
Protection of first-aiders	:	First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists (see section 8).



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Notes	s to physician	:	Treat symptoma	tically and supportively.
SECTION	5. FIRE-FIGHTING MEA	\SU	RES	
Suita	ble extinguishing media	:	Water spray Alcohol-resistan Carbon dioxide (Dry chemical	
medi		:	None known.	
Spec fightii	ific hazards during fire ng	:	Exposure to con	bustion products may be a hazard to health.
Haza ucts	rdous combustion prod-	:	Carbon oxides Nitrogen oxides Sulfur oxides Oxides of phosp	
Spec ods	ific extinguishing meth-	:	cumstances and Use water spray	g measures that are appropriate to local cir- the surrounding environment. to cool unopened containers. aged containers from fire area if it is safe to do
	ial protective equipment e-fighters	:	In the event of fi	re, wear self-contained breathing apparatus. ptective equipment.
SECTION	6. ACCIDENTAL RELE	ASI	E MEASURES	
tive e	onal precautions, protec- equipment and emer- y procedures	:	Follow safe hand	otective equipment. dling advice (see section 7) and personal ment recommendations (see section 8).
Envir	onmental precautions	:	Prevent further le Prevent spreadin oil barriers). Retain and dispo	the environment. eakage or spillage if safe to do so. ng over a wide area (e.g., by containment or ose of contaminated wash water. should be advised if significant spillages ined.
	ods and materials for ainment and cleaning up	:	For large spills, J containment to k can be pumped, container. Clean up remain absorbent. Local or national disposal of this r employed in the determine which Sections 13 and	ert absorbent material. provide diking or other appropriate seep material from spreading. If diked material store recovered material in appropriate ing materials from spill with suitable regulations may apply to releases and naterial, as well as those materials and items cleanup of releases. You will need to regulations are applicable. 15 of this SDS provide information regarding ational requirements.



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SECTION	7. HANDLING AND ST	TORAGE				
Tech	nical measures		ing measures under EXPOSURE PERSONAL PROTECTION section.			
Local	/Total ventilation		ntilation is unavailable, use with local exhaust			
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 safet practice, based on the results of the workplace exposure assessment Keep container tightly closed. Do not eat, drink or smoke when using this product. Take care to prevent spills, waste and minimize release to th environment. 				
Hygie	ene measures	flushing syste place. When using d Contaminated workplace. Wash contam The effective engineering c appropriate d industrial hygi	chemical is likely during typical use, provide ey ms and safety showers close to the working to not eat, drink or smoke. If work clothing should not be allowed out of the inated clothing before re-use. operation of a facility should include review of ontrols, proper personal protective equipment, egowning and decontamination procedures, tene monitoring, medical surveillance and the strative controls.			
Cond	itions for safe storage	: Keep in prope Store locked Keep tightly c Keep in a coc	erly labeled containers. up.			
Mate	rials to avoid	: Do not store v Strong oxidizi	vith the following product types: ng 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	VLE-PPT (Inhalable fraction and vapour)	0.01 mg/m ³	NOM-010- STPS-2014
		TWA	0.01 mg/m ³	ACGIH



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			(Inhalable fraction and vapor)		
	ent naphtha (petroleum), aromatic	64742-95-6	TWA	200 mg/m ³ (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	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
Engineering measures	tec les All des pro Co are the cor	e appropriate e hnologies to co s quick connect engineering co sign and opera tect products, ntainment tech required to co compound to ntainment devi- nimize open ha	ontrol airborr ctions). ontrols should ted in accord workers, and nologies sui- ontrol at sour- uncontrolled ces).	the concentr d be impler dance with d the envirc table for co ce and to p	rations (e.g., d nented by faci GMP principle onment. ontrolling comp orevent migrati	rip- lity s to pounds
Personal protective equ	ipment					
Respiratory protection Filter type Hand protection	exp rec	dequate local posure assessi ommended gu mbined particu	ment demon: iidelines, use	strates exp respirator	osures outside y protection.	e the
Material	: Ch	emical-resistar	nt gloves			
Remarks Eye protection Skin and body protection	: We If th mis We pot aer : Wo Add tas dis Use	nsider double ar safety glass be work enviro sts or aerosols ear a faceshield ential for direc osols. ork uniform or l ditional body g k being perform posable suits) e appropriate of taminated clo	ses with side nment or act , wear the ap d or other full t contact to t aboratory co arments sho med (e.g., sle to avoid exp degowning te	ivity involve propriate g face prote he face wit at. uld be used eevelets, ap osed skin s	es dusty condi loggles. ction if there is h dusts, mists d based upon bron, gauntlets surfaces.	s a , or the s,

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES



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	Appear	ance	:	liquid	
	Color		:	yellow	
	Odor		:	characteristic	
	Odor TI	hreshold	:	No data available	
	рН		:	No data available	
	Melting	point/freezing point	:	No data available	
	Initial be range	oiling point and boiling	:	No data available	
	Flash p	oint	:	No data available	
	Evapor	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	,	:	1,030 - 1,090 g/c	m ³
	Solubili Wat	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	
	Viscosi Visc	ty osity, kinematic	:	No data available	
	Explosi	ve properties	:	Not explosive	
	Oxidizir	ng properties	:	The substance of	mixture is not classified as oxidizing.
	Molecu	lar weight	:	No data available	



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Par	ticle size	:	Not applicable				
SECTIO	N 10. STABILITY AND RI	EAC	TIVITY				
Che Pos tion Cor Inco Haz pro	nditions to avoid compatible materials cardous decomposition ducts	:	 Not classified as a reactivity hazard. Stable under normal conditions. Can react with strong oxidizing agents. None known. Oxidizing agents No hazardous decomposition products are known. 				
SECTIO	N 11. TOXICOLOGICAL I	NF	ORMATION				
Inha Skii Inge Eye Acu Har	prmation on likely routes alation n contact estion e contact ute toxicity mful if swallowed. y be harmful in contact with						
	duct: ite oral toxicity	:	Acute toxicity esti Method: Calculati	mate: 1,139 mg/kg on method			
Αςι	te dermal toxicity	:	Acute toxicity esti Method: Calculati	mate: 5,000 mg/kg on method			
<u>Co</u>	nponents:						
Dia	zinon:						
Αςι	te oral toxicity	:	LD50 (Rat): 1,139) mg/kg			
Acı	te inhalation toxicity	:	LC50 (Rat): > 5.4 Exposure time: 4 Test atmosphere:	h			
Αςι	te dermal toxicity	:	LD50 (Rabbit): >	2,020 mg/kg			
Sol	vent naphtha (petroleum), li	ght aromatic:				
	ite oral toxicity	:	LD50 (Rat): > 5,0	00 mg/kg			
Acı	te inhalation toxicity	:	LC50 (Rat): > 5.61 mg/l Exposure time: 4 h Test atmosphere: vapor				
Acu	te dermal toxicity	:	LD50 (Rabbit): >	2,000 mg/kg			



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Nony	phenol, ethoxylated	:	
-	oral toxicity		00 - 2,000 mg/kg
		· · · · ·	
7-0xa	abicyclo[4.1.0]hept-3	-ylmethyl 7-oxabicy	clo[4.1.0]heptane-3-carboxylate:
Acute	e oral toxicity		ale): > 2,959 - 5,000 mg/kg
		Method: OEC	D Test Guideline 401
Acute	inhalation toxicity	: LC50 (Rat): >	= 5.19 mg/l
		Exposure time	e: 4 h
			ere: dust/mist
			D Test Guideline 436
		Assessment: tion toxicity	The substance or mixture has no acute inha
Acute	e dermal toxicity	: LD50 (Rat): >	2,000 mg/kg
		Method: OEC	D Test Guideline 402
			The substance or mixture has no acute dern
		toxicity	
Chin	corrosion/irritation		
	es skin irritation.		
	ponents:		
Diazi			
Spec		: Rabbit	
Resu	It	: Mild skin irrita	tion
Solve	ent naphtha (petroleu	ım), light aromatic:	
Spec	ies	: Rabbit	
Meth		: OECD Test G	uideline 404
Resu	lt	: Skin irritation	
Nonv	Iphenol, ethoxylated	:	
Spec	• • •	: Rabbit	
Meth		: OECD Test G	uideline 404
Resu		: No skin irritati	
7 0		- des a des d 🛪 1 -	
			clo[4.1.0]heptane-3-carboxylate:
Spec		: Rabbit	
Meth		: OECD Test G	
Resu	IC	: No skin irritati	On
Soria	us ava damaga/ava i	rritation	
	us eye damage/eye i		
Caus	es serious eye damag	е.	



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Comp	oonents:						
Solve	ent naphtha (petrole	um), light aromatic:					
Speci	es	: Rabbit					
Resul	t	: No eye irritatior	1				
Metho	bd	: OECD Test Gu	ideline 405				
Nony	Iphenol, ethoxylated	d:					
Speci	es	: Rabbit					
Resul		: Irreversible effe	ects on the eye				
Metho	bd	: OECD Test Gu	ideline 405				
7-Oxa	abicyclo[4.1.0]hept-3	3-ylmethyl 7-oxabicyc	lo[4.1.0]heptane-3-carboxylate:				
Speci	es	: Rabbit					
Resul		: No eye irritation					
Metho	bd	: OECD Test Gu	ideline 405				
Resp	iratory or skin sens	itization					
Skin	sensitization						
May c	ause an allergic skin						
Resp	iratory sensitization						
Not cl	assified based on av	ailable information.					
<u>Comp</u>	oonents:						
Diaziı	-						
Test 7		: Buehler Test					
	es of exposure	: Skin contact					
Speci Resul		: Guinea pig					
Resu	l	: negative					
		um), light aromatic:					
Test 7		: Buehler Test					
	es of exposure	: Skin contact					
Speci Resul		: Guinea pig : negative					
Resul	l l	. negative					
-	Iphenol, ethoxylated						
Test 7		: Maximization T	est				
	es of exposure	: Skin contact					
Speci		: Guinea pig					
Resul	t arks	: negative	from similar materials				
	1155		nom sinna matendis				



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	Assess		:	Probability or evid	dence of skin sensitization in humans
ſ	May ca	cell mutagenicity nuse genetic defects. onents:			
	Diazin	on:			
(Genoto	oxicity in vitro	:	Test Type: Bacte Result: negative	rial reverse mutation assay (AMES)
				Test Type: In vitro Result: negative	o mammalian cell gene mutation test
				Test Type: Chron Result: negative	nosome aberration test in vitro
(Genoto	oxicity in vivo	:	cytogenetic assay Species: Rat	nalian erythrocyte micronucleus test (in vivo /) e: Intraperitoneal injection
	Germ o Assess	cell mutagenicity -	:	Positive result(s) genicity tests.	from in vivo mammalian somatic cell muta-
:	Solver	nt naphtha (petroleum). lie	ght aromatic:	
		oxicity in vitro	:	-	rial reverse mutation assay (AMES)
				Test Type: In vitro Result: positive	o mammalian cell gene mutation test
(Genoto	oxicity in vivo	:	gonia Species: Mouse	chromatid exchange analysis in spermato- e: Intraperitoneal injection
				·	
	Germ o Assess	cell mutagenicity - sment	:	Positive result(s) tests in mammals	from in vivo heritable germ cell mutagenicity
I	Nonylp	ohenol, ethoxylated:			
(Genoto	oxicity in vitro	:	Result: negative	rial reverse mutation assay (AMES) on data from similar materials
7	7-Oxab	picyclo[4.1.0]hept-3-y	lme	thyl 7-oxabicyclo	[4.1.0]heptane-3-carboxylate:
		oxicity in vitro	:	-	rial reverse mutation assay (AMES)



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		Test Type: In vitro mammalian cell gene mutation test
		Result: positive
		Test Type: In vitro sister chromatid exchange assay in mam- malian cells Result: positive
		Test Type: DNA damage and repair, unscheduled DNA syn- thesis in mammalian cells (in vitro) Result: positive
Genot	toxicity in vivo	: Test Type: Unscheduled DNA synthesis (UDS) test with mammalian liver cells in vivo Species: Rat
		Application Route: Ingestion Method: OECD Test Guideline 486 Result: negative
		Test Type: Micronucleus test
		Species: Mouse Application Route: Intraperitoneal injection Result: negative
		Test Type: Transgenic rodent somatic cell gene mutation as- say Species: Mouse
		Application Route: Ingestion Method: OECD Test Guideline 488 Result: positive
	cell mutagenicity -	: Positive result(s) from in vivo mammalian somatic cell muta- genicity tests.
	nogenicity ause cancer.	
Comp	oonents:	
Diazir	non:	
Speci		: Rat
	ation Route	: Ingestion : 104 weeks
Resul		: negative
Carcir ment	nogenicity - Assess-	: Sufficient evidence of carcinogenicity in animal experiments
Solve	nt naphtha (petroleu	n), light aromatic:
Speci		: Mouse
	ation Route	: Skin contact : 2 Years
Resul	sure time t	positive
Carcir	nogenicity - Assess-	: Sufficient evidence of carcinogenicity in animal experiments



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ment				
7-Oxa	abicyclo[4.1.0]hept-3-y	Ime	thyl 7-oxabicyc	lo[4.1.0]heptane-3-carboxylate:
	cation Route sure time	:	Mouse Skin contact 29 Months negative	
-	oductive toxicity assified based on availa	able	information.	
Comp	oonents:			
Diaziı	non:			
Effect	s on fertility	:	Test Type: Thr Species: Rat Application Rou Result: negativ	
Effect	s on fetal development	:	Test Type: Em Species: Rat Application Rou Result: negativ	
Solve	ent naphtha (petroleum	n), li	ght aromatic:	
	s on fertility	:	Test Type: Rep test Species: Rat Application Rot	roduction/Developmental toxicity screening ute: inhalation (vapor)
Effect	s on fetal development	:	Result: negativ Test Type: Em	e oryo-fetal development
			Species: Rat Application Roo Result: negativ	ute: inhalation (vapor) e
7-0x2	abicyclo[4 1 0]hept-3-v	Ime	thyl 7-oxabicyc	lo[4.1.0]heptane-3-carboxylate:
	s on fetal development	:	Test Type: Em Species: Rat Application Rot	oryo-fetal development ute: Ingestion Test Guideline 414
стот	-single exposure			
May c	ause drowsiness or dizzes damage to organs (N			
Comp	ponents:			
Diaziı	non:			
Targe	es of exposure t Organs ssment	:	Ingestion Nervous syster Shown to prode	n uce significant health effects in animals at con-



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rations of 300 mg/kg bw or less.	
romatic:	
cause drowsiness or dizziness.	
s system, nasal cavity) through prolong	ed or repeated e
stion rous system wn to produce significant health effects rations of >10 to 100 mg/kg bw.	in animals at cor
-oxabicyclo[4.1.0]heptane-3-carboxy	ylate:
stion	
al cavity wn to produce significant health effects rations of >10 to 100 mg/kg bw.	in animals at cor
ng/kg	
ng/kg	
stion lays	
ng/l	
mg/l	
lation (dust/mist/fume) lays	
romatic:	
mg/kg	
stion	
lays	
-oxabicyclo[4.1.0]heptane-3-carboxy	ylate:
g/kg	
-	o[4.1.0]heptane-3-carboxy



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	cation Route sure time od	:	Ingestion 90 Days OECD Test Guide	eline 408
Aspir	ation toxicity			
May b	e fatal if swallowed and	ent	ers airways.	
Comp	oonents:			
The s	ent naphtha (petroleum ubstance or mixture is ki d as if it causes a humai	now	n to cause human	aspiration toxicity hazards or has to be re- zard.
Expe	rience with human exp	osu	ire	
Comp	oonents:			
Diaziı	non:			
Inhala	ation	:	Symptoms: carcin	nogenic effects
ECTION	12. ECOLOGICAL INFO	DRN	IATION	
_				
Ecoto	oxicity			
Comp	oonents:			
Diaziı				
Toxici	ty to fish	:	LC50 (Oncorhync Exposure time: 96	hus mykiss (rainbow trout)): 0.09 mg/l ວິ h
	ty to daphnia and other ic invertebrates	:	EC50 (Ceriodaph Exposure time: 48	nia dubia (water flea)): 0.000164 mg/l 3 h
Toxici icity)	ty to fish (Chronic tox-	:	NOEC (Pimephale Exposure time: 34	es promelas (fathead minnow)): 0.092 mg/l 1 d
	ty to daphnia and other ic invertebrates (Chron- city)	:	NOEC (Daphnia r Exposure time: 21	nagna (Water flea)): 0.00017 mg/l I d
Solve	ent naphtha (petroleum), li	ght aromatic:	
Toxici	ty to fish	:	Exposure time: 96	s promelas (fathead minnow)): 8.2 mg/l 5 h Vater Accommodated Fraction
	ty to daphnia and other ic invertebrates	:	Exposure time: 48	Vater Accommodated Fraction
Toxici plants	ty to algae/aquatic	:	Exposure time: 96	Vater Accommodated Fraction



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				mg/l Exposure time: 96	Vater Accommodated Fraction
a		to daphnia and other invertebrates (Chron- ty)	:	Exposure time: 21	Vater Accommodated Fraction
Ν	lonylp	henol, ethoxylated:			
		to fish	:	Exposure time: 96	s promelas (fathead minnow)): > 0.1 - 1 mg/l 5 h on data from similar materials
		to daphnia and other invertebrates	:	Exposure time: 48	nia dubia (water flea)): > 0.1 - 1 mg/l 5 h on data from similar materials
	oxicity lants	to algae/aquatic	:	mg/l Exposure time: 72 Method: OECD Te	
				Exposure time: 72 Method: OECD Te	
	oxicity city)	to fish (Chronic tox-	:	Exposure time: 10	tipes (Japanese medaka)): > 0.1 - 1 mg/l 00 d on data from similar materials
a		to daphnia and other invertebrates (Chron- ty)	:	mg/l Exposure time: 28	s bahia (opossum shrimp)): > 0.001 - 0.01 d on data from similar materials
7.	-Oxab	icyclo[4.1.0]hept-3-yl	met	thyl 7-oxabicyclo[4.1.0]heptane-3-carboxylate:
		to fish	:		hus mykiss (rainbow trout)): 24 mg/l
		to daphnia and other invertebrates	:	EC50 (Daphnia m Exposure time: 48 Method: OECD Te	agna (Water flea)): 40 mg/l 5 h est Guideline 202
	oxicity lants	to algae/aquatic	:	ErC50 (Raphidoce 110 mg/l Exposure time: 72	elis subcapitata (freshwater green alga)): > ? h



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		Method: OE	CD Test Guideline 201
		mg/l Exposure tim	nidocelis subcapitata (freshwater green alga)): 3 ne: 72 h CD Test Guideline 201
Toxici	ity to microorganisms	Exposure tin	ated sludge): 409 mg/l ne: 3 h CD Test Guideline 209
Persi	stence and degradab	lity	
<u>Comp</u>	oonents:		
Solve	ent naphtha (petroleui	n), light aromatic	:
Biode	gradability	: Result: Inher Biodegradati Exposure tin	
Nony	Iphenol, ethoxylated:		
Biode	gradability		eadily biodegradable. ased on data from similar materials
7-Oxa	abicyclo[4.1.0]hept-3-	ylmethyl 7-oxabic	yclo[4.1.0]heptane-3-carboxylate:
Biode	gradability	Biodegradati Exposure tin	
Bioad	cumulative potential		
<u>Com</u>	oonents:		
Diaziı	n on :		
Bioac	cumulation		orinus carpio (Carp) ation factor (BCF): 46.9
	on coefficient: n- ol/water	: log Pow: 3.6	9
•	Iphenol, ethoxylated:		
	on coefficient: n- ol/water	: log Pow: 4.4	8
		-	yclo[4.1.0]heptane-3-carboxylate:
	on coefficient: n- ol/water	: log Pow: 1.3 Method: OE	4 CD Test Guideline 107
	lity in soil		
No da	ita available		



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Othe	r adverse effects						
No da	ata available						
SECTION	13. DISPOSAL CON	SIDERATIONS					
Disp	osal methods						
Wast	e from residues		: Do not dispose of waste into sewer. Dispose of in accordance with local regulations.				
Conta	aminated packaging	: Empty contair handling site f	 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	I 14. TRANSPORT INF	ORMATION					
Inter	national Regulations						
UNR	TDG						
UN n	lumber	: UN 3082					
Prope	er shipping name	: ENVIRONME N.O.S. (Diazinon)	NTALLY HAZARDOUS SUBSTANCE, LIQUID,				
Class	S	: 9Ì					
– ·							

Class	:	9
Packing group	:	III
Labels	:	9
Environmentally hazardous	:	yes
IATA-DGR		
UN/ID No.	:	UN 3082
Proper shipping name	:	Environmentally hazardous substance, liquid, n.o.s. (Diazinon)
Class	:	9
Packing group	:	III
Labels	:	Miscellaneous
Packing instruction (cargo aircraft)	:	964
Packing instruction (passen- ger aircraft)	:	964
Environmentally hazardous	:	yes
IMDG-Code		
UN number	:	UN 3082
Proper shipping name	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Diazinon)
Class	:	9
Packing group	:	III
Labels	:	9
EmS Code	:	F-A, S-F
Marine pollutant	:	yes
•		-

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation

NOM-002-SCT



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UN number Proper shipping name		: UN 3082 : ENVIRONME N.O.S. (Diazinon)	ENTALLY HAZARDOUS SUBSTANCE, LIQUID,
Class	•	: 9	
	ing group	:	
Labe	IS	: 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.

SECTION 15. REGULATORY INFORMATION

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

Federal Law for the control of chemical precursors, : Not applicable essential chemical products and machinery for producing capsules, tablets and pills.

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

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

SECTION 16. OTHER INFORMATION

Revision Date	:	30.09.2023
Date format	:	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



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- 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

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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