



Versi 6.0	ion	Revision Date: 06.04.2024			Date of last issue: 15.12.2023 Date of first issue: 28.01.2016	
Sect	ion 1: I	dentification				
	Produc	t identifier	:	Flunixin Liquid Formulation		
	Other means of identifica- tion		:	FINADYNE TRA	NSDERMAL (A11281)	
	Recommended use of the c		hem	ical and restriction	ons on use	
		mended use tions on use	:	Veterinary produ Not applicable	ct	
	Manufa	acturer or supplier's o	detai	ils		
	Compa	ny	:	MSD		
	Addres	S	:	50 Tuas West Dr Singapore - Sing	-	
	Telepho	one	:	+1-908-740-4000	)	
	Emerge	ency telephone numbe	r:	65 6697 2111 (24	4/7/365)	
	E-mail a	address	:	EHSDATASTEW	/ARD@msd.com	

### Section 2: Hazard identification

#### Classification of the substance or mixture

Acute toxicity (Oral)	:	Category 4
Acute toxicity (Inhalation)	:	Category 3
Serious eye damage/eye irri- tation	:	Category 1
Reproductive toxicity	:	Category 1B
Specific target organ toxicity - repeated exposure	:	Category 2 (Gastrointestinal tract, Kidney, Blood)

### GHS Label elements, including precautionary statements

Hazard pictograms	:	
Signal word	:	Danger
Hazard statements	:	H302 Harmful if swallowed.





ersion 6.0	Revision Date: 06.04.2024	SDS Number: 437373-00023	Date of last issue: 15.12.2023 Date of first issue: 28.01.2016
		H331 Toxic if H360FD May H373 May cau	serious eye damage. inhaled. damage fertility. May damage the unborn child use damage to organs (Gastrointestinal tract, ) through prolonged or repeated exposure.
Preca	autionary statements	P202 Do not h and understoo P260 Do not h P264 Wash sl P270 Do not e P271 Use onl P280 Wear pr	special instructions before use. handle until all safety precautions have been re od. breathe mist or vapours. kin thoroughly after handling. eat, drink or smoke when using this product. y outdoors or in a well-ventilated area. otective gloves/ protective clothing/ eye protec ection/ hearing protection.
		CENTER/ doc P304 + P340 and keep com doctor. P305 + P351 water for seve and easy to d CENTER/ doc	<ul> <li>+ P330 IF SWALLOWED: Call a POISON stor if you feel unwell. Rinse mouth.</li> <li>+ P311 IF INHALED: Remove person to fresh ifortable for breathing. Call a POISON CENTE</li> <li>+ P338 + P310 IF IN EYES: Rinse cautiously veral minutes. Remove contact lenses, if present o. Continue rinsing. Immediately call a POISOI stor.</li> <li>IF exposed or concerned: Get medical advice/</li> </ul>
		<b>Storage:</b> P405 Store lo	cked up.
		Disposal:	of contents/ container to an approved waste

None known.

### Section 3: Composition/information on ingredients

: Mixture

#### Components

Chemical name	CAS-No.	Concentration (% w/w)
L-Menthol	2216-51-5	>= 10 -< 20
2-Pyrrolidone	616-45-5	>= 10 -< 20
1-deoxy-1-(methylamino)-D-glucitol 2-[2-	42461-84-7	>= 3 -< 10
methyl-3-(perfluoromethyl)anilino]nicotinate		



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#### Section 4: First-aid measures

Description of necessary first-aid measures								
General advice	:	In the case of accident or if you feel unwell, seek medical ad- vice immediately. When symptoms persist or in all cases of doubt seek medical advice.						
If inhaled	:	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.						
In case of skin contact	:							
In case of eye contact	:	<b>5</b> ,						
If swallowed	:	If swallowed, DO NOT induce vomiting. Get medical attention. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person.						
Most important symptoms	and	effects, both acute and delayed						
Risks	:	Harmful if swallowed. Causes serious eye damage. Toxic if inhaled. May damage fertility. May damage the unborn child. May cause damage to organs through prolonged or repeated exposure.						
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).						
•	e mo	edical attention and special treatment needed						
Treatment	:	Treat symptomatically and supportively.						

# Section 5: Fire-fighting measures

#### Extinguishing media

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

#### Special hazards arising from the substance or mixture



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Spec	ific hazards during fire-	:	Exposure to co	ombustion products may be a hazard to health.			
fighti		:	Carbon oxides Fluorine comp Nitrogen oxide	ounds			
Spec	ial protective actions f	or fi	re-fighters				
Special protective actions for a Special protective equipment : for firefighters Specific extinguishing meth- : ods			: In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.				
Section 6	: Accidental release mo	easi	ures				
	precautions, protective onal precautions	e eq :	Use personal p Follow safe ha	mergency procedures protective equipment. ndling advice (see section 7) and personal pro- ent recommendations (see section 8).			
	nental precautions onmental precautions	:	Prevent furthe Prevent spread barriers). Retain and dis	to the environment. r leakage or spillage if safe to do so. ding over a wide area (e.g. by containment or c pose of contaminated wash water. es should be advised if significant spillages rained.			
Methods	and materials for conta	inm	nent and cleani	na up			
	ods for cleaning up	:	Soak up with in For large spills ment to keep r be pumped, st Clean up rema bent. Local or nation posal of this m employed in th mine which reg	hert absorbent material. , provide dyking or other appropriate contain- naterial from spreading. If dyked material can ore recovered material in appropriate container ining materials from spill with suitable absor- al regulations may apply to releases and dis- aterial, as well as those materials and items e cleanup of releases. You will need to deter- gulations are applicable. In 15 of this SDS provide information regarding			

## Precautions for safe handling

Technical measures : See Engineering measures under EXPOSURE



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Advice	Total ventilation e on safe handling ne measures	<ul> <li>If sufficient ventilation.</li> <li>Do not get of Do not brea Do not swal Do not swal Do not get in Wash skin th Handle in ad practice, bas sessment Keep contai Do not eat, of Take care to environmen</li> <li>If exposure a flushing syst place.</li> <li>When using Wash contat</li> <li>The effective engineering appropriate industrial hy</li> </ul>	n eyes. horoughly after handling. ccordance with good industrial hygiene and safety sed on the results of the workplace exposure as- ner tightly closed. drink or smoke when using this product. o prevent spills, waste and minimize release to the
Condi	Conditions for safe storage		ncompatibilities
	tions for safe storage	Store locked Keep tightly Keep in a co Store in acc	

### Section 8: Exposure controls/personal protection

#### **Control parameters**

#### Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
1-deoxy-1-(methylamino)-D- glucitol 2-[2-methyl-3- (perfluorome- thyl)anilino]nicotinate	42461-84-7	TWA	40 μg/m3 (OEB 3)	Internal
	Further inform	ation: Skin		
		Wipe limit	400 µg/100 cm <sup>2</sup>	Internal

Odour Threshold

pН

range



## Flunixin Liquid Formulation

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	opriate engineering ol measures	:	technologies to less quick com All engineering design and op protect produc Containment to are required to	g controls should be implemented by facility erated in accordance with GMP principles to ts, workers, and the environment. echnologies suitable for controlling compounds o control at source and to prevent migration of to uncontrolled areas (e.g., open-face con- ces).
Indiv	idual protection mea	sures	, such as perse	onal protective equipment (PPE)
Eye/fa	ace protection	:	If the work env mists or aerose Wear a facesh	asses with side shields or goggles. vironment or activity involves dusty conditions, ols, wear the appropriate goggles. ield or other full face protection if there is a rect contact to the face with dusts, mists, or
Skin p	protection	:	Work uniform of Additional bod task being per posable suits)	or laboratory coat. y garments should be used based upon the formed (e.g., sleevelets, apron, gauntlets, dis- to avoid exposed skin surfaces. te degowning techniques to remove potentially clothing
Respi	iratory protection	:	If adequate loc sure assessme	cal exhaust ventilation is not available or expo- ent demonstrates exposures outside the rec- idelines, use respiratory protection.
	ter type protection	:	•	ticulates and organic vapour type
Ma	aterial	:	Chemical-resis	stant gloves
Re	emarks	:	Consider doub	le gloving.
Section 9	Physical and chem	ical pr	operties	
Appe	arance	:	liquid	
Colou	ır	:	red	
Odou	r	:	amine-like	

: No data available

: No data available

Melting point/freezing point : No data available

Initial boiling point and boiling : No data available



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	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	
	Vapour	pressure	:	No data available	)
	Relative	e vapour density	:	No data available	)
	Relative	e density	:	No data available	)
	Density	,	:	No data available	)
	Solubili Wat	ty(ies) er solubility	:	No data available	9
		n coefficient: n-	:	Not applicable	
	octanol Auto-ig	nition temperature	:	No data available	)
	Decom	position temperature	:	No data available	)
	Viscosi Visc	ty cosity, kinematic	:	No data available	9
	Explosi	ve properties	:	Not explosive	
	Oxidizir	ng properties	:	The substance o	r mixture is not classified as oxidizing.
ļ	Molecu	lar weight	:	No data available	
	Particle Particle	e characteristics e 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- tions	:	Can react with strong oxidizing agents.
Conditions to avoid	:	None known.





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	patible materials dous decomposition cts	:	Oxidizing age No hazardous	ents s decomposition products are known.
ction 11	I: Toxicological inform	atic	on	
Inform expos	nation on likely routes of ure	:	Inhalation Skin contact Ingestion Eye contact	
Acute	toxicity			
	ful if swallowed. if inhaled.			
<u>Produ</u>	<u>ict:</u>			
Acute	oral toxicity	:	Acute toxicity Method: Calcu	estimate: 638.55 mg/kg Ilation method
Acute	inhalation toxicity	:	Acute toxicity Exposure time Test atmosphe Method: Calcu	ere: dust/mist
<u>Comp</u>	oonents:			
L-Mer	nthol:			
Acute	inhalation toxicity	:	LC50 (Rat): 5. Exposure time Test atmosphe Method: OEC	:: 4 h
Acute	dermal toxicity	:		: > 5,000 mg/kg D Test Guideline 402
2-Pyr	rolidone:			
	oral toxicity	:		2,000 mg/kg D Test Guideline 401 The substance or mixture has no acute oral to:
Acute	dermal toxicity	:	Method: OEC	: > 2,000 mg/kg D Test Guideline 402 The substance or mixture has no acute dermal
		glu	citol 2-[2-meth	yl-3-(perfluoromethyl)anilino]nicotinate:
Acute	oral toxicity	:	LD50 (Rat): 53	3 - 157 mg/kg
11				



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П			LD50 (Guinea pig	g): 488.3 mg/kg
			LD50 (Monkey): 3	300 mg/kg
Acute	e inhalation toxicity	:	LC50 (Rat): < 0.5 Exposure time: 4 Test atmosphere	h
	e toxicity (other routes of nistration)	:		- 185.3 mg/kg
			LD50 (Mouse): 10 Application Route	
-	corrosion/irritation lassified based on availa	ble	information.	
<u>Com</u>	ponents:			
L-Me	nthol:			
Spec Meth Resu	od		Rabbit OECD Test Guide Skin irritation	eline 404
2-Pyı	rrolidone:			
Spec Meth Resu	ies od	::	Rabbit OECD Test Guide No skin irritation	eline 404
1-dec	xy-1-(methylamino)-D-	alu	citol 2-[2-methyl-	3-(perfluoromethyl)anilino]nicotinate
Spec Resu	ies	:	Rabbit Mild skin irritation	
Serio	ous eye damage/eye irri	tati	on	
Caus	es serious eye damage.			
Com	ponents:			
L-Me	nthol:			
Spec		:	Rabbit	
Resu Meth		:	OECD Test Guide	reversing within 7 days eline 405
2-Pyı	rrolidone:			
Spec Resu	ies	:	Rabbit Irritation to eyes,	reversing within 7 days
1-dec	oxy-1-(methylamino)-D- ies	glu	<b>citol 2-[2-methyl-</b> : Rabbit	3-(perfluoromethyl)anilino]nicotinate



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Resul	t	: Irreversible e	ffects on the eye
Respi	iratory or skin sens	itisation	
	<b>sensitisation</b> assified based on av	ailable information.	
-	iratory sensitisation assified based on av		
<u>Comp</u>	oonents:		
L-Mer Test T Expos Specie Metho Resul	Type sure routes es od	: Local lymph i : Skin contact : Mouse : OECD Test C : negative	node assay (LLNA) Guideline 429
Test T	sure routes es od t	: Skin contact : Mouse : OECD Test C : negative	node assay (LLNA) Guideline 429 ta from similar materials
1-deo	xy-1-(methylamino)	-D-alucitol 2-[2-met	hyl-3-(perfluoromethyl)anilino]nicotinate:
Test T Expos Specie	Type sure routes es ssment	: Maximisation : Dermal : Guinea pig	
	cell mutagenicity assified based on av	ailable information.	
Comp	oonents:		
L-Mer	nthol:		
Genot	toxicity in vitro	Result: negat	hromosome aberration test in vitro tive sed on data from similar materials
Genot	toxicity in vivo	cytogenetic a Species: Mou Application R Method: OEC Result: negat	use coute: Intraperitoneal injection CD Test Guideline 474
		10 /	20



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II			
	rolidono		
	rrolidone: otoxicity in vitro	: Test Type: I Result: neg	Bacterial reverse mutation assay (AMES) ative
			n vitro mammalian cell gene mutation test CD Test Guideline 476 ative
			ased on data from similar materials
			Chromosome aberration test in vitro CD Test Guideline 473 ative
Geno	otoxicity in vivo	cytogenetic Species: Mo Application	buse Route: Intraperitoneal injection CD Test Guideline 474
II 1-dec	ovy_1_(mothylaming	)-D-alucital 2-[2-ma	thyl-3-(perfluoromethyl)anilino]nicotinate:
	otoxicity in vitro		Bacterial reverse mutation assay (AMES)
			n vitro assay i: mouse lymphoma cells tive
			Chromosomal aberration : Chinese hamster ovary cells tive
			n vitro assay n: Escherichia coli tive
Geno	otoxicity in vivo	: Test Type: I Species: Mo Application Result: nega	Route: Oral

Germ cell mutagenicity - : Weight of evidence does not support classification as a germ cell mutagen.

### Carcinogenicity

Not classified based on available information.



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#### Components:

L-Menthol:		
Species Application Route Exposure time Method Result Remarks		Mouse Ingestion 103 weeks OECD Test Guideline 453 negative Based on data from similar materials
2-Pyrrolidone: Species	:	Mouse

:	Mouse
:	Ingestion
:	18 month(s)
:	negative
:	Based on data from similar materials
	:

#### 1-deoxy-1-(methylamino)-D-glucitol 2-[2-methyl-3-(perfluoromethyl)anilino]nicotinate:

Species Application Route Exposure time LOAEL Result Target Organs Remarks	<ul> <li>Rat</li> <li>oral (feed)</li> <li>104 w</li> <li>2 mg/kg body weight</li> <li>negative</li> <li>Gastrointestinal tract</li> <li>Significant toxicity observed in testing</li> </ul>
Species	: Mouse
Application Route	: oral (feed)
Exposure time	: 97 w

Exposure time :	97 w
NÓAEL :	0.6 mg/kg body weight
Result :	negative
Target Organs :	Gastrointestinal tract
Exposure time : NOAEL : Result : Target Organs : Remarks :	Significant toxicity observed in testing

### Reproductive toxicity

May damage fertility. May damage the unborn child.

#### Components:

### L-Menthol:

Effects on foetal develop- ment	:	Test Type: Embryo-foetal development
ment		Species: Rat
		Application Route: Ingestion
		Result: negative
11		-

#### 2-Pyrrolidone:

Effects on fertility	: Test Type: One-generation reproduction toxicity study
	Species: Rat
	Application Route: Ingestion
	Result: positive



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Ш			Remarks: Based	on data from similar materials
Effect ment	ts on foetal develop-	:	Test Type: Embr Species: Rat Application Rout Result: positive	yo-foetal development e: Ingestion
Repro sessr	oductive toxicity - As- nent	:	ity, based on ani	f adverse effects on sexual function and fertil- mal experiments., Clear evidence of adverse opment, based on animal experiments.
1-dec	oxy-1-(methylamino)-E	)-glu	citol 2-[2-methyl-	3-(perfluoromethyl)anilino]nicotinate:
Effect	ts on fertility	:	Species: Rat Application Rout General Toxicity Symptoms: No fo	- Parent: LOAEL: 1 - 1.5 mg/kg body weight betal abnormalities s on fertility and early embryonic develop-
Effect ment	ts on foetal develop-	:	Embryo-foetal to Result: Embryoto	
			Species: Rabbit Application Rout General Toxicity Embryo-foetal to Result: Embryoto	yo-foetal development e: Oral Maternal: LOAEL: 3 mg/kg body weight xicity: NOAEL: 3 mg/kg body weight oxic effects and adverse effects on the off- cted only at high maternally toxic doses

### STOT - single exposure

Not classified based on available information.

#### Components:

1-deoxy-1-(methylamino)-D-glucitol 2-[2-methyl-3-(perfluoromethyl)anilino]nicotinate:Assessment: May cause respiratory irritation.

#### STOT - repeated exposure

May cause damage to organs (Gastrointestinal tract, Kidney, Blood) through prolonged or repeated exposure.



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1 <b>-deo</b> Targe Asse	et Organs ssment	: Gastrointestina	r <b>I-3-(perfluoromethyl)anilino]nicotinate:</b> I tract, Kidney, Blood e to organs through prolonged or repeated
-	eated dose toxicity ponents:		
L-Me Spec NOA	nthol: ies EL cation Route sure time od	: Mouse : 1,250 mg/kg : Ingestion : 91 Days : OECD Test Gu : Based on data	ideline 408 from similar materials
Spec NOA Appli	EL cation Route sure time	: Rat : 207 mg/kg : Ingestion : 3 Months : OECD Test Gu	ideline 408
Spec NOA LOAE Appli Expo	ies EL	D-glucitol 2-[2-methy Rat 2 mg/kg < 4 mg/kg Cral 6 w Gastrointestina	r <b>I-3-(perfluoromethyl)anilino]nicotinate:</b> I tract
Spec NOA Appli Expo Targe		: Rat : 1 mg/kg : Oral : 1 y : Gastrointestina	l tract, Kidney
Expo		: Monkey : 15 mg/kg : Oral : 90 d : Gastrointestina	l tract, Blood
Expo	ies EL cation Route sure time otoms	: Rabbit : 80 mg/kg : Dermal : 21 d : Severe irritation	



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Species LOAEL	:	Dog
LÖAEL	:	11 mg/kg
Application Route	:	Oral
Exposure time	:	9 d
Target Organs	:	Gastrointestinal tract
Symptoms	:	Vomiting

### Aspiration toxicity

Not classified based on available information.

### Experience with human exposure

#### Components:

### 1-deoxy-1-(methylamino)-D-glucitol 2-[2-methyl-3-(perfluoromethyl)anilino]nicotinate:

Inhalation Skin contact Eye contact Ingestion	: Symptoms: respiratory tract irritation	
Skin contact	: Symptoms: Skin irritation	
Eye contact	: Symptoms: Severe irritation	
Ingestion	: Symptoms: Gastrointestinal disturbance, bleeding, hyperten-	-
	sion, Kidney disorders	

Section 12: Ecological information

#### Toxicity

#### **Components:**

#### L-Menthol:

Toxicity to fish	:	LC50 (Danio rerio (zebra fish)): 15.6 mg/l Exposure time: 96 h Method: Directive 67/548/EEC, Annex V, C.1.
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 26.6 mg/l Exposure time: 48 h Method: Directive 67/548/EEC, Annex V, C.2.
Toxicity to algae/aquatic plants	:	EC50 (Desmodesmus subspicatus (green algae)): 21.4 mg/l Exposure time: 72 h Method: Directive 67/548/EEC, Annex V, C.3.
		NOEC (Desmodesmus subspicatus (green algae)): 9.65 mg/l Exposure time: 72 h Method: Directive 67/548/EEC, Annex V, C.3.
Toxicity to microorganisms	:	EC50: 237 mg/l Exposure time: 96 h Test Type: Respiration inhibition of activated sludge Method: OECD Test Guideline 209

#### 2-Pyrrolidone:



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Toxicit	ty to fish	:	LC50 (Danio rerio Exposure time: 96 Method: OECD Te	
	ty to daphnia and other c invertebrates	:	EC50 (Daphnia m Exposure time: 48	agna (Water flea)): > 500 mg/l 3 h
Toxicit plants	ty to algae/aquatic	:	ErC50 (Desmodes Exposure time: 72	smus subspicatus (green algae)): > 500 mg/l 2 h
			EC10 (Desmodes Exposure time: 72	mus subspicatus (green algae)): 22.2 mg/l 2 h
Toxicit	ty to microorganisms	:	EC50: > 1,000 mg Exposure time: 30 Method: OECD Te	) min
	<b>xy-1-(methylamino)-D-</b> ty to fish	glu :		
			LC50 (Oncorhync Exposure time: 96 Method: FDA 4.11	
	ty to daphnia and other c invertebrates	:	EC50 (Daphnia m Exposure time: 48 Method: FDA 4.08	
Toxicit plants	ty to algae/aquatic	:	NOEC (Microcysti Exposure time: 13 Method: FDA 4.01	
			NOEC (Selenastru Exposure time: 12	um capricornutum (green algae)): 96 mg/l 2 d
Persis	stence and degradabili	ity		
<u>Comp</u>	onents:			
L-Men Biodeg	nthol: gradability	:	Result: Readily bi Biodegradation: 6 Exposure time: 28 Method: OECD To	54 % <sup>¯</sup>
2-Pyrr	olidone:			
	gradability	:	Result: Readily bi Remarks: Based o	odegradable. on data from similar materials





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	<b>oxy-1-(methylamino)</b> - ity in water	<b>D-glucitol 2-[2-met</b> : Hydrolysis: 0	<b>hyl-3-(perfluoromethyl)anilino]nicotinate:</b> %(28 d)
Bioad	cumulative potentia	I	
Com	oonents:		
L-Me	nthol:		
Bioac	cumulation	Bioconcentra Exposure tim Method: OEC	rrinus carpio (Carp) tion factor (BCF): 0.5 - 15 e: 6 Weeks CD Test Guideline 305 sed on data from similar materials
	ion coefficient: n- ol/water	: log Pow: 3.1	5
2-Pyr	rolidone:		
	ion coefficient: n- ol/water		1 CD Test Guideline 107
1-dec	oxy-1-(methylamino)-	D-glucitol 2-[2-met	hyl-3-(perfluoromethyl)anilino]nicotinate:
Partit	• • • • •	: log Pow: 1.34	
Mobi	lity in soil		
<u>Com</u>	oonents:		
1-dec	oxy-1-(methylamino)-	D-glucitol 2-[2-met	hyl-3-(perfluoromethyl)anilino]nicotinate:
Distril menta	oution among environ al compartments	· : log Koc: 1.92	
Othe	r adverse effects		
No da	ata available		
ection 1	3: Disposal consider	ations	
Dispo	osal methods		
•	e from residues		se of waste into sewer.
Conta	aminated packaging	: Empty contai dling site for	accordance with local regulations. ners should be taken to an approved waste har recycling or disposal. se specified: Dispose of as unused product.

#### Section 14: Transport information

### International Regulations

## UNRTDG

: Not applicable

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6.0	UN proper shipping name Transport hazard class(es) Subsidiary risk Packing group Labels Environmentally hazardous <b>IATA-DGR</b> UN/ID No. UN proper shipping name Class Subsidiary risk Packing group Labels	<ul> <li>43/3/3-00023</li> <li>Not applicable</li> <li>Not applicable</li> <li>Not applicable</li> <li>Not applicable</li> <li>no</li> <li>Not applicable</li> </ul>	Date of first issue: 28.01.2016
	Packing instruction (cargo aircraft) Packing instruction (passen- ger aircraft)	<ul><li>Not applicable</li><li>Not applicable</li><li>Not applicable</li></ul>	
	IMDG-Code UN number UN proper shipping name Class Subsidiary risk Packing group Labels EmS Code Marine pollutant	<ul> <li>Not applicable</li> </ul>	
	Transport in bulk according Not applicable for product as Special precautions for use	supplied.	
Sec	Not applicable tion 15: Regulatory information		ecific for the product in question
	Workplace Safety and Health	Act and Workplace Sa	afety and Health (General Provisions) Regula- g, PEL and other requirements in the
	Environmental Protection and Environmental Protection and ous Substances) Regulations	Management (Hazard	
	Fire Safety (Petroleum and FI Regulations	ammable Materials)	: Not applicable
	The components of this pro AICS	duct are reported in : not determined	the following inventories:

SDS Number:

437373-00023



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IECS	2	:	not determined	
Section 16	6: Other information			
Revisi	on Date	:	06.04.2024	
Furth	er information			
	es of key data used to le the Safety Data	:		data, data from raw material SDSs, OECD arch results and European Chemicals Agen- ropa.eu/
ltems	where changes have be	een	made to the previo	us version are highlighted in the body of this

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

Date format : dd.mm.yyyy

#### Full text of other abbreviations

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR -Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System



## Flunixin Liquid Formulation

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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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