

Flunixin Paste Formulation

Version	Revision Date:	SDS Number:	Date of last issue: 04.04.2023
5.0	30.09.2023	656911-00017	Date of first issue: 02.05.2016

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name

: Flunixin Paste 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 productRestrictions on use:Not applicable

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification Acute toxicity (Oral)	:	Category 4
Serious eye damage/eye irritation	:	Category 1
Specific target organ toxicity - repeated exposure	:	Category 1 (Gastrointestinal tract, Kidney, Blood)
GHS label elements Hazard pictograms	:	
Signal Word	:	Danger
Hazard Statements	:	H302 Harmful if swallowed. H318 Causes serious eye damage. H372 Causes damage to organs (Gastrointestinal tract, Kidney, Blood) through prolonged or repeated exposure.
Precautionary Statements	:	Prevention: P260 Do not breathe dust/ fume/ gas/ mist/ vapors/ spray. P264 Wash skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P280 Wear eye protection/ face protection.
		Response: P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. Rinse mouth. P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON





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			doctor/ physician. edical advice/ attenti	on if you feel unwell.
		Disposal:		
		-	e of contents/ conta	iner to an approved waste dis-
	r hazards known.			
SECTION	3. COMPOSITION/INI	FORMATION ON IN	NGREDIENTS	
Subst	ance / Mixture	: Mixture		
	ponents			
	nical name		CAS-No.	Concentration (% w/w)
	h, oxidized xy-1-(methylamino)-D∙	aluoital 2 [2	65996-62-5 42461-84-7	>= 20 -< 30 >= 5 -< 10
	/l-3-(perfluoromethyl)a		42401-04-7	>= 5 -< 10
SECTION	4. FIRST AID MEASU	JRES		
	4. FIRST AID MEASU	: In the case c advice imme	diately.	eel unwell, seek medical cases of doubt seek medical
	ral advice	 In the case of advice imme When sympt advice. If inhaled, re 	diately.	cases of doubt seek medical
Gene If inha	ral advice	 In the case of advice imme When sympt advice. If inhaled, re Get medical In case of co of water. 	diately. oms persist or in all move to fresh air. attention if symptom ntact, immediately f	cases of doubt seek medical ns occur. lush skin with soap and plenty
Gene If inha In cas	ral advice aled	 In the case of advice imme When sympt advice. If inhaled, re Get medical In case of co of water. Get medical In case of co for at least 1 If easy to do 	diately. oms persist or in all move to fresh air. attention if symptom ntact, immediately f attention if symptom ntact, immediately f 5 minutes. , remove contact len	cases of doubt seek medical ns occur. lush skin with soap and plenty ns occur. lush eyes with plenty of water is, if worn.
Gene If inha In cas	ral advice aled se of skin contact	 In the case of advice immer When sympt advice. If inhaled, re Get medical In case of co of water. Get medical In case of co of water. Get medical In case of co for at least 1 If easy to do Get medical If swallowed so by medica Get medical Rinse mouth 	diately. oms persist or in all move to fresh air. attention if symptom ntact, immediately f attention if symptom ntact, immediately f 5 minutes. , remove contact len attention immediate , DO NOT induce vo al personnel. attention. thoroughly with wat	cases of doubt seek medical ns occur. lush skin with soap and plenty ns occur. lush eyes with plenty of water is, if worn. ly. miting unless directed to do
Gene If inha In cas In cas If swa	ral advice aled se of skin contact se of eye contact illowed	 In the case of advice imme When sympt advice. If inhaled, re Get medical In case of co of water. Get medical In case of co for at least 1 If easy to do Get medical If swallowed so by medical Get medical If swallowed so by medical Rinse mouth Never give a Harmful if sw Causes serio Causes dam 	diately. oms persist or in all move to fresh air. attention if symptom ntact, immediately f attention if symptom ntact, immediately f 5 minutes. , remove contact len attention immediate , DO NOT induce vo al personnel. attention. thoroughly with wat nything by mouth to vallowed. ous eye damage.	cases of doubt seek medical ns occur. lush skin with soap and plenty ns occur. lush eyes with plenty of water is, if worn. ly. miting unless directed to do
Gene If inha In cas In cas If swa Most and e delay	ral advice aled se of skin contact se of eye contact illowed	 In the case of advice imme When sympt advice. If inhaled, re Get medical In case of co of water. Get medical In case of co for at least 1 If easy to do Get medical If swallowed so by medical If swallowed so by medical Rinse mouth Never give a Harmful if sw Causes serio Causes dam exposure. First Aid resp and use the 	diately. oms persist or in all move to fresh air. attention if symptom ntact, immediately f attention if symptom ntact, immediately f 5 minutes. , remove contact len attention immediate , DO NOT induce vo al personnel. attention. thoroughly with wat nything by mouth to vallowed. ous eye damage. age to organs throu- ponders should pay recommended perso	cases of doubt seek medical ns occur. lush skin with soap and plenty ns occur. lush eyes with plenty of water as, if worn. ly. omiting unless directed to do ter. an unconscious person.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Water spray

Alcohol-resistant foam



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media		:	Carbon dioxide Dry chemical None known.				
fightir Haza	fic hazards during fire ng rdous combustion prod-	:	Carbon oxides	nbustion products may be a hazard to health			
ucts			Fluorine compou Nitrogen oxides Metal oxides				
Speci ods	Specific extinguishing meth- ods		: Use extinguishing measures that are appropriate to cumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it so.				
	al protective equipment e-fighters	:	Evacuate area.In the event of fire, wear self-contained breathing appara Use personal protective equipment.				
SECTION	6. ACCIDENTAL RELE	ASI	EMEASURES				
tive e	onal precautions, protec- quipment and emer- / procedures	:	Follow safe han	otective equipment. dling advice (see section 7) and personal ment recommendations (see section 8).			
Envir	onmental precautions	:	Prevent further I Retain and dispo	the environment. eakage or spillage if safe to do so. ose of contaminated wash water. s should be advised if significant spillages ined.			
	ods and materials for inment and cleaning up	:	container for dis Local or nationa disposal of this r employed in the determine which Sections 13 and	cuum up spillage and collect in suitable posal. I regulations may apply to releases and material, as well as those materials and item cleanup of releases. You will need to a regulations are applicable. 15 of this SDS provide information regardin national requirements.			
SECTION	7. HANDLING AND ST	OR/	AGE				
	nical measures	:	CONTROLS/PE	measures under EXPOSURE RSONAL PROTECTION section.			
Local/Total ventilation				lequate ventilation.			

Local/Total ventilation	:	Use only with adequate ventilation.
Advice on safe handling	:	Do not breathe dust, fume, gas, mist, vapors or spray.
-		Do not swallow.
		Do not get in eyes.
		Avoid prolonged or repeated contact with skin.
		Wash skin thoroughly after handling.
		Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure assessment



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		Do not eat, dri	r tightly closed. hk or smoke when using this product. revent spills, waste and minimize release to the
Hygien	ie measures	flushing system place. When using do Wash contamin The effective o engineering co appropriate de industrial hygie	chemical is likely during typical use, provide eye ns and safety showers close to the working o not eat, drink or smoke. nated clothing before re-use. peration of a facility should include review of ntrols, proper personal protective equipment, gowning and decontamination procedures, ene monitoring, medical surveillance and the trative controls.
Conditions for safe storage		Keep tightly clo	
Materia	als to avoid	: Do not store w Strong oxidizin	ubstances and mixtures

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
Starch, oxidized	65996-62-5	VLE-PPT (inhalable dust)	0.5 mg/m³	NOM-010- STPS-2014
		TWA (inhalable dust)	0.5 mg/m³	ACGIH
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 ²	Internal

Engineering measures

: All engineering controls should be implemented by facility design and operated in accordance with GMP principles to protect products, workers, and the environment. Containment technologies suitable for controlling compounds are required to control at source and to prevent migration of the compound to uncontrolled areas (e.g., open-face containment devices). Minimize open handling.



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Pers	onal protective equipn	nent			
Respiratory protection Filter type Hand protection		exposure a recomment	If adequate local exhaust ventilation is not available or exposure assessment demonstrates exposures outside the recommended guidelines, use respiratory protection. Particulates type		
Material		: Chemical-r	esistant gloves		
Eye	emarks protection and body protection	 Wear safet If the work mists or ae Wear a fac potential fo aerosols. Work unifo Additional I task being disposable Use approp 	ouble gloving. y glasses with side shields or goggles. environment or activity involves dusty conditions, rosols, wear the appropriate goggles. eshield or other full face protection if there is a r direct contact to the face with dusts, mists, or rm or laboratory coat. body garments should be used based upon the performed (e.g., sleevelets, apron, gauntlets, suits) to avoid exposed skin surfaces. briate degowning techniques to remove potentially ed clothing.		

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	paste
Color	:	white to off-white
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 range	:	No data available
Flash point	:	No data available
Evaporation rate	:	Not applicable
Flammability (solid, gas)	:	Not classified as a flammability hazard
Flammability (liquids)	:	No data available
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Vapor pressure	:	Not applicable



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Relative vapor density	: Not applicable	
Relative density	: No data available	9
Density	: No data available	e
Solubility(ies) Water solubility	: No data available	9
Partition coefficient: n- octanol/water	: Not applicable	
Autoignition temperature	: No data available	9
Decomposition temperature	: No data available	9
Viscosity Viscosity, kinematic	: Not applicable	
Explosive properties	: Not explosive	
Oxidizing properties	: The substance o	r mixture is not classified as oxidizing.
Molecular weight	: No data available	9
Particle size	: No data available	9

SECTION 10. STABILITY AND REACTIVITY

Reactivity Chemical stability Possibility of hazardous reac- tions	::	Not classified as a reactivity hazard. Stable under normal conditions. Can react with strong oxidizing agents.
Conditions to avoid Incompatible materials Hazardous decomposition products	::	

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Skin contact Ingestion Eye contact

Acute toxicity

Harmful if swallowed.

Product:

Acute oral toxicity

: Acute toxicity estimate: 638.55 mg/kg Method: Calculation method



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Acute inhalation toxicity :		Remarks: Inhalation is not regarded as possible exposure path.		
<u>Com</u>	oonents:			
1-dec	xy-1-(methylamino)-D-	-glu	citol 2-[2-methyl-	3-(perfluoromethyl)anilino]nicotinate:
Acute	e oral toxicity	:	LD50 (Rat): 53 -	157 mg/kg
			LD50 (Mouse): 1	76 - 249 mg/kg
			LD50 (Guinea pi	g): 488.3 mg/kg
			LD50 (Monkey):	300 mg/kg
Acute	inhalation toxicity	:	LC50 (Rat): < 0.5 Exposure time: 4 Test atmosphere	h
	e toxicity (other routes of histration)	:	LD50 (Rat): 59.4 Application Route	
			LD50 (Mouse): 1 Application Route	
-	corrosion/irritation lassified based on availa	able	information.	

Components:

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

Species	:	Rabbit
Result	:	Mild skin irritation

Serious eye damage/eye irritation

Causes serious eye damage.

Components:

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

Species : Rabbit

Result : Irreversible effects on the eye

Respiratory or skin sensitization

Skin sensitization

Not classified based on available information.

Respiratory sensitization

Not classified based on available information.

Components:

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



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Spec Asses	Routes of exposure Species Assessment Result		use skin sensitization.
	n cell mutagenicity lassified based on ava	lable information.	
Com	ponents:		
	oxy-1-(methylamino)- otoxicity in vitro		thyl-3-(perfluoromethyl)anilino]nicotinate: Bacterial reverse mutation assay (AMES) ative
		Test Type: i Test system Result: posi	: mouse lymphoma cells
			Chromosomal aberration : Chinese hamster ovary cells tive
		Test Type: i Test system Result: posi	: Escherichia coli
Geno	otoxicity in vivo	: Test Type: I Species: Mo Application Result: nega	Route: Oral
	n cell mutagenicity - ssment	: Weight of ev cell mutage	vidence does not support classification as a germ
II Carci	inogenicity		
	lassified based on avail	lable information.	
Com	ponents:		
			thyl-3-(perfluoromethyl)anilino]nicotinate:
	ies cation Route sure time	: Rat : oral (feed) : 104 w	

Application Route	: oral (feed)
Application Route Exposure time	: 104 w
LOAEL	: 2 mg/kg body weight
LOAEL Result	: negative
Target Organs	: Gastrointestinal tract
Target Organs Remarks	: Significant toxicity observed in testing
Species	: Mouse
Species Application Route	: Mouse : oral (feed)
Species Application Route Exposure time	
Species Application Route Exposure time NOAEL	: oral (feed)
Result	: oral (feed) : 97 w
NOAEL	: oral (feed) : 97 w : 0.6 mg/kg body weight



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Rema	Remarks		Significant toxicity observed in testing		
Reproductive toxicity Not classified based on available <u>Components:</u>		able	information.		
1-deo	xy-1-(methylamino)-D	-alu	citol 2-[2-methyl-:	3-(perfluoromethyl)anilino]nicotinate:	
	s on fertility	:	Test Type: Two-g Species: Rat Application Route General Toxicity I Symptoms: No fe	eneration reproduction toxicity study e: Oral Parent: LOAEL: 1 - 1.5 mg/kg body weight tal abnormalities. s on fertility and early embryonic	
Effect	Effects on fetal development :		Embryo-fetal toxic Result: Embryoto		
			Species: Rabbit Application Route General Toxicity I Embryo-fetal toxic Result: Embryoto	vo-fetal development e: Oral Maternal: LOAEL: 3 mg/kg body weight city.: NOAEL: 3 mg/kg body weight xic effects and adverse effects on the tected only at high maternally toxic doses	
II STOT	-single exposure				

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

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

Components:

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

:	Gastrointestinal tract, Kidney, Blood
:	Causes damage to organs through prolonged or repeated
	exposure.



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Repea	ated dose toxicity		
-	oonents:		
Specie NOAE Applic		: Rat : 22,500 mg/kg : Ingestion : 90 Days	
1-deo	xy-1-(methylamino)-[D-glucitol 2-[2-methy	I-3-(perfluoromethyl)anilino]nicotinate:
Specie NOAE LOAE Applic Expos	es E	: Rat : 2 mg/kg : < 4 mg/kg : Oral : 6 w : Gastrointestinal	
Expos		: Rat : 1 mg/kg : Oral : 1 y : Gastrointestinal	tract, Kidney
Expos		: Monkey : 15 mg/kg : Oral : 90 d : Gastrointestinal	tract, Blood
	L ation Route sure time	: Rabbit : 80 mg/kg : Dermal : 21 d : Severe irritation	
Expos	L ation Route sure time t Organs	: Dog : 11 mg/kg : Oral : 9 d : Gastrointestinal : Vomiting	tract
Not cla Exper	ation toxicity assified based on avai rience with human ex ponents:		

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

Inhalation	
Skin contac	t
Eye contact	t

- : Symptoms: respiratory tract irritation
- : Symptoms: Skin irritation : Symptoms: Severe irritation



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sion, Kidney disorders SECTION 12. ECOLOGICAL INFORMATION Ecotoxicity Components: 1-deoxy-1-(methylamino)-D-glucitol 2-[2-methyl-3-(perfluoromethyl)anilino]nicotin Toxicity to fish : LC50 (Lepomis macrochirus (Bluegill sunfish)): 28 mg	yperten-
Ecotoxicity Components: 1-deoxy-1-(methylamino)-D-glucitol 2-[2-methyl-3-(perfluoromethyl)anilino]nicoting Toxicity to fish : LC50 (Lepomis macrochirus (Bluegill sunfish)): 28 mg	
Components: 1-deoxy-1-(methylamino)-D-glucitol 2-[2-methyl-3-(perfluoromethyl)anilino]nicotin Toxicity to fish : LC50 (Lepomis macrochirus (Bluegill sunfish)): 28 mg	
1-deoxy-1-(methylamino)-D-glucitol 2-[2-methyl-3-(perfluoromethyl)anilino]nicotin Toxicity to fish : LC50 (Lepomis macrochirus (Bluegill sunfish)): 28 m	
Toxicity to fish : LC50 (Lepomis macrochirus (Bluegill sunfish)): 28 m	
	nate:
Method: FDA 4.11	₁g/I
LC50 (Oncorhynchus mykiss (rainbow trout)): 5.5 mg Exposure time: 96 h Method: FDA 4.11	g/I
Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): 15 mg/l aquatic invertebrates Exposure time: 48 h Method: FDA 4.08	
Toxicity to algae/aquatic : NOEC (Microcystis aeruginosa (blue-green algae)): S plants : Exposure time: 13 d Method: FDA 4.01	97 mg/l
NOEC (Selenastrum capricornutum (green algae)): 9 Exposure time: 12 d	}6 mg∕l
Persistence and degradability	
Components:	
1-deoxy-1-(methylamino)-D-glucitol 2-[2-methyl-3-(perfluoromethyl)anilino]nicotin	nate:
Stability in water : Hydrolysis: 0 %(28 d)	
Bioaccumulative potential	
Components:	
1-deoxy-1-(methylamino)-D-glucitol 2-[2-methyl-3-(perfluoromethyl)anilino]nicotin	nate:
Partition coefficient: n- : log Pow: 1.34 octanol/water	

Mobility in soil

Components:

1-deoxy-1-(methylamino)-D-glucitol 2-[2-methyl-3-(perfluoromethyl)anilino]nicotinate: Distribution among environ- : log Koc: 1.92 mental compartments

Other adverse effects

No data available



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SECTION 13. DISPOSAL CONSIDERATIONS

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

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG Not regulated as a dangerous good

IATA-DGR Not regulated as a dangerous good

IMDG-Code Not regulated as a dangerous good

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 Not regulated as a dangerous good

Special precautions for user

Not applicable

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:

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

SECTION 16. OTHER INFORMATION

Revision Date	:	30.09.2023
Date format	:	dd.mm.yyyy



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Full text of other abbreviations

ACGIH NOM-010-STPS-2014	:	USA. ACGIH Threshold Limit Values (TLV) Mexico. Norm NOM-010-STPS-2014 on Chemicals Polluting the Work Environment - Identification, Assessment and Con-
		trol - Appendix 1 Occupational Exposure Limits
ACGIH / TWA	:	8-hour, time-weighted average
NOM-010-STPS-2014 / VLE-	:	Time weighted average limit value
PPT		

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

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/

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

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.

MX / Z8