

Estriol Formulation (Veterinary)

Version	Revision Date:	SDS Number:	Date of last issue: 06.04.2024
5.1	28.09.2024	9373399-00010	Date of first issue: 27.08.2021

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier Trade name : Estriol Formulation (Veterinary) Other means of identification : Incurin (A008094) INCURIN (57787) 1.2 Relevant identified uses of the substance or mixture and uses advised against Use of the Substance/Mixture : Veterinary product

Recommended restrictions	:	Not applicable
on use		

1.3 Details of the supplier of the safety data sheet

Company	:	MSD Walton Manor, Walton MK7 7AJ Milton Keynes - United Kingdom
Telephone	:	+1-908-740-4000
E-mail address of person responsible for the SDS	:	EHSDATASTEWARD@msd.com

1.4 Emergency telephone number

+1-908-423-6000

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

Carcinogenicity, Category 1A Reproductive toxicity, Category 1A	H350: May cause cancer. H360FD: May damage fertility. May damage the unborn child.
Specific target organ toxicity - repeated	H373: May cause damage to organs through pro-
exposure, Category 2	longed or repeated exposure.
Long-term (chronic) aquatic hazard, Cat-	H410: Very toxic to aquatic life with long lasting
egory 1	effects.

UK REACH Regulations SI 2019/758



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2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

Hazard pictograms :		
Signal word :	Danger	•
Hazard statements :	H350 H360FD H373 H410	May cause cancer. May damage fertility. May damage the unborn child. May cause damage to organs through prolonged or repeated exposure. Very toxic to aquatic life with long lasting effects.
Precautionary statements :	Preventio P201 P260 P273 P280	Do not breathe dust. Avoid release to the environment. Wear protective gloves/ protective clothing/ eye protection/ face protection.
	Response P308 + P3 P391	

Hazardous components which must be listed on the label:

Oestriol

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Dust contact with the eyes can lead to mechanical irritation.

Contact with dust can cause mechanical irritation or drying of the skin.

May form explosive dust-air mixture during processing, handling or other means.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
Oestriol	50-27-1	Carc. 1A; H350	>= 1 - < 2.5

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758



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		200-022-2	Repr. 1A; H360FD STOT RE 1; H372 (female reproduc- tive organs, male reproductive or- gans, Blood, Kid- ney, Bladder) Aquatic Chronic 1; H410 M-Factor (Chronic aquatic toxicity): 1,000
Subst	ances with a workplace	ce exposure limit :	
Starc	n	9005-25-8 232-679-6	>= 10 - < 20

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of 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.
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).
If inhaled	:	If inhaled, remove to fresh air. Get medical attention.
In case of skin contact	:	In case of contact, immediately flush skin with soap and plenty of water. Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.
In case of eye contact	:	If in eyes, rinse well with water. Get medical attention if irritation develops and persists.
If swallowed	:	If swallowed, DO NOT induce vomiting. Get medical attention. Rinse mouth thoroughly with water.

4.2 Most important symptoms and effects, both acute and delayed :

May cause cancer.



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		Ma		tility. May damage the unborn child. age to organs through prolonged or repeated		
		the	Contact with dust can cause mechanical irritation or drying of the skin. Dust contact with the eyes can lead to mechanical irritation.			
4.3 Indica	tion of any immediate	medical	attention ar	nd special treatment needed		
Treat	ment	: Tre	at symptoma	tically and supportively.		
SECTION	N 5: Firefighting mea	sures				
5.1 Exting	uishing media					
Suita	ble extinguishing media		ter spray ohol-resistan	t foam		

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

media

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire- fighting	:	Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. Exposure to combustion products may be a hazard to health.
Hazardous combustion prod- ucts	:	Carbon oxides
5.3 Advice for firefighters		

Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.
Specific extinguishing meth- ods	:	Use extinguishing measures that are appropriate to local cir- cumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	Use personal protective equipment.	
	Follow safe handling advice (see section 7) and personal pro-	
	tective equipment recommendations (see section 8).	



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6.2 Environmental precautions

Environmental precautions	 Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated wash water. If spillage enters rivers or watercourses, inform the Environment Agency (emergency telephone number 0800 807060).
	······································

6.3 Methods and material for containment and cleaning up

Methods for cleaning up	 Sweep up or vacuum up spillage and collect in suitable container for disposal. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable. Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.
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6.4 Reference to other sections

See sections: 7, 8, 11, 12 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Technical measures	:	Static electricity may accumulate and ignite suspended dust causing an explosion. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres.
Local/Total ventilation	:	If sufficient ventilation is unavailable, use with local exhaust ventilation.
Advice on safe handling	:	Do not get on skin or clothing. Do not breathe dust. Do not swallow. Avoid contact with eyes. Wash skin thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure as- sessment Keep container tightly closed. Minimize dust generation and accumulation. Keep container closed when not in use. Keep away from heat and sources of ignition. Take precautionary measures against static discharges. Do not eat, drink or smoke when using this product. Take care to prevent spills, waste and minimize release to the



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Hygiene measures		:	 environment. If exposure to chemical is likely during typical use, provide eye flushing systems and safety showers close to the working place. When using do not eat, drink or smoke. Wash contaminated clothing before re-use. The effective operation of a facility should include review of engineering controls, proper personal protective equipment, appropriate degowning and decontamination procedures, industrial hygiene monitoring, medical surveillance and the use of administrative controls. 		
7.2 Conditions for safe storage		incl	uding any incom	patibilities	
	uirements for storage is and containers	:		labelled containers. Store locked up. Keep ore in accordance with the particular national	
Adv	Advice on common storage		Strong oxidizing a	stances and mixtures	
•	ific end use(s) cific use(s)	:	No data available		

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Value type (Form of exposure): TWA (Inhalable) Basis: GB EH40	dust of any kind	
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4 mg/m3 Value type (Form of exposure): TWA (Respirable fraction) Basis: GB EH40

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
Starch	9005-25-8	TWA (inhalable dust)	10 mg/m3	GB EH40
		TWA (Respirable dust)	4 mg/m3	GB EH40
Oestriol	50-27-1	TWA	0.5 μg/m3 (OEB 5)	Internal
	Further information: Skin			
		Wipe limit	5 µg/100 cm²	Internal

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8.2 Exposure controls

Engineering measures

Use closed processing systems or containment technologies to control at source (e.g., glove boxes/isolators) and to prevent leakage of compounds into the workplace.

All engineering controls should be implemented by facility design and operated in accordance with GMP principles to protect products, workers, and the environment.

No open handling permitted.

Totally enclosed processes and materials transport systems are required.

Operations require the use of appropriate containment technology designed to prevent leakage of compounds into the workplace.

compounds into the workplace.	
Personal protective equipment	
Eye/face protection :	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.
Hand protection	
Material :	Chemical-resistant gloves
Remarks : Skin and body protection :	Consider double gloving. 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.
Respiratory protection :	If adequate local exhaust ventilation is not available or expo- sure assessment demonstrates exposures outside the rec-

Particulates type (P)

ommended guidelines, use respiratory protection.

Equipment should conform to BS EN 143

SECTION 9: Physical and chemical properties

Filter type

9.1 Information on basic physical and chemical properties

:

Appearance Colour Odour Odour Threshold	:	powder, tablet white odourless No data available
рН	:	6
Melting point/freezing point	:	No data available
Initial boiling point and boiling	:	No data available
range Flash point	:	Not applicable
Evaporation rate	:	Not applicable

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	Flamm	ability (solid, gas)	:	May form explos dling or other me	ive dust-air mixture during processing, han- ans.		
	Upper explosion limit / Upper flammability limit		:	No data available	e		
		explosion limit / Lower ability limit	:	No data available			
	Vapou	rpressure	:	No data available	9		
	Relativ	e vapour density	:	Not applicable			
	Relativ	e density	:	No data available	e		
	Density	/	:	0.965 g/cm ³			
		ter solubility n coefficient: n-	:	partly soluble Not applicable			
		nition temperature	:	No data available	9		
	Decom	position temperature	:	No data available	e		
	Viscosi Visc	ity cosity, kinematic	:	Not applicable			
	Explos	ive properties	:	Not explosive			
	Oxidizi	ng properties	:	The substance o	r mixture is not classified as oxidizing.		
9.2		nformation ability (liquids)	:	No data available	e		
	Particle	e size	:	No data available	e		

SECTION 10: Stability and reactivity

10.1 Reactivity

Not classified as a reactivity hazard.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions : May form explosive dust-air mixture during processing, handling or other means.

Can react with strong oxidizing agents.



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10.4 Cond	litions to avoid			
Condi	itions to avoid	:	Heat, flames and Avoid dust forma	
10.5 Incor	npatible materials			
Mater	ials to avoid	:	Oxidizing agents	
10.6 Haza	rdous decomposition	oroc	lucts	
No ha	azardous decomposition	prod	ducts are known.	
SECTION	I 11: Toxicological in	for	mation	
11.1 Infor	mation on toxicologica	l eff	ects	
	nation on likely routes of	:	Inhalation	
expos	sure		Skin contact Ingestion	
			Eye contact	
	e toxicity assified based on availa	ble	information.	
<u>Comp</u>	oonents:			
Oestr	iol:			
Acute	oral toxicity	:	LD50 (Rat): > 2,00	00 mg/kg
Starc	h:			
Acute	oral toxicity	:	LD50 (Rat): > 5,00	00 mg/kg
Acute	dermal toxicity	:	LD50 (Rabbit): > 2	2,000 mg/kg
	corrosion/irritation assified based on availa	ble	information.	
	us eye damage/eye irri assified based on availa			
Com	oonents:			
Starc	h:			
Speci Resul		:	Rabbit No eye irritation	
Resp	iratory or skin sensitis	atio	n	
-	sensitisation assified based on availa	ble	information.	
	iratory sensitisation assified based on availa	ble	information.	

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<u>Comp</u>	oonents:			
Starc Test T Expos Speci Resul	Гуре sure routes es	: 8	Maximisation Tes Skin contact Guinea pig legative	t
	cell mutagenicity assified based on avai	lable in	formation.	
Comp	oonents:			
Oestr	iol:			
Geno	toxicity in vitro		est Type: Bacter Result: negative	ial reverse mutation assay (AMES)
Geno	toxicity in vivo	c S A	est Type: Mamm ytogenetic assay pecies: Rat application Route Result: negative	, ,
Germ sessn	cell mutagenicity- As- nent		Veight of evidenc ell mutagen.	e does not support classification as a germ
Starc	h:			
Geno	toxicity in vitro		est Type: Bacter Result: negative	ial reverse mutation assay (AMES)
	nogenicity ause cancer.			
Comp	oonents:			
Oestr	iol:			
Resul	ation Route	: C : p	<i>l</i> louse Dral positive <i>l</i> lammary gland	
Resul	cation Route	: C : p	lamster Dral oositive Kidney	
Carcir ment	nogenicity - Assess-	: F	Positive evidence	from human epidemiological studies
Repro	oductive toxicity			

Reproductive toxicity

May damage fertility. May damage the unborn child.



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	Compo	onents:			
	Oestri	ol:			
Effects on fertility		:	Test Type: Fertility Species: Rat, fem Application Route Fertility: LOAEL: & Result: Effects on	: Oral i4 μg/kg	
				Species: Rat, fem Application Route	: Subcutaneous).05 mg/kg body weight
				Species: Rat, fem Application Route	: Subcutaneous 00 mg/kg body weight
	Effects ment	on foetal develop-	:	Species: Rat Application Route Developmental To	o-foetal development : Oral oxicity: LOAEL: 2 mg/kg body weight o-foetal toxicity, Malformations were ob-
				Species: Rat Application Route	xicity: LOAEL: 4.5 mg/kg body weight
				Species: Hamster Application Route	xicity: LOAEL: 30 mg/kg body weight
	Reproc sessme	ductive toxicity - As- ent	:	fertility from huma	of adverse effects on sexual function and n epidemiological studies., Positive evi- effects on development from human epide-

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

May cause damage to organs through prolonged or repeated exposure.

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<u>Com</u>	oonents:		
Oestr	iol:		
	et Organs ssment		ve organs, Blood, Kidney, Bladder mage to organs through prolonged or repeated
Repe	ated dose toxicity		
Com	oonents:		
Oestr	riol:		
Speci		: Dog	
LOAE	L cation Route	: 0.2 mg/kg : Oral	
	sure time	: 13 - 26 We	eks
	et Organs	: female rep	oductive organs, Blood, Kidney, Bladder
Speci		: Dog	
LOAE		: 8 mg/kg	
	cation Route sure time	: Subcutane : 1 yr	ous
	et Organs		ductive organs, female reproductive organs
Starc	h:		
Speci		: Rat	
NOAE		: >= 2,000 m	
	cation Route sure time	: Skin contac : 28 Days	J
Metho			t Guideline 410
Aspir	ation toxicity		
Not c	assified based on av	ailable information.	
Expe	rience with human e	exposure	
<u>Com</u>	oonents:		
Oestr	riol:		
Inges	tion	testinal dist tension, Oe changes in	breast tenderness, Nausea, Diarrhoea, Gastroin curbance, Dizziness, Headache, Vomiting, hyper- edema, effects on menstruation, gynecomastia, vaginal secretions, visual disturbances, leg duced libido

12.1 Toxicity

Components:

Oestriol:



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Toxic icity)	to fish (Chronic tox-	:	NOEC: 0.00007 Exposure time: 7 Species: Oryzia	
M-Fa toxici	ctor (Chronic aquatic ty)	:	1,000	
	istence and degradab i ata available	ility		
	ccumulative potential ata available			
	ility in soil ata available			
12.5 Resu	ults of PBT and vPvB a	asse	ssment	
<u>Prod</u> Asse	<u>uct:</u> ssment	:	to be either pers	mixture contains no components considered istent, bioaccumulative and toxic (PBT), or and very bioaccumulative (vPvB) at levels of
12.6 Othe	er adverse effects			
<u>Product:</u> Endocrine disrupting poten- tial		:	ered to have end	mixture does not contain components consid- docrine disrupting properties for environment REACH Article 57(f).
SECTION	N 13: Disposal consi	der	ations	
13.1 Wast	te treatment methods			
Produ	uct	:	According to the are not product s Waste codes shi discussion with t	cordance with local regulations. European Waste Catalogue, Waste Codes specific, but application specific. ould be assigned by the user, preferably in the waste disposal authorities. of waste into sewer.
Contaminated packaging		:	Empty container dling site for rec	s should be taken to an approved waste han- ycling or disposal.

If not otherwise specified: Dispose of as unused product.

SECTION 14: Transport information

14.1 UN number

ADN	:	UN 3077
ADR	:	UN 3077
RID	:	UN 3077

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IMDG		: UN 3077	
ΙΑΤΑ		: UN 3077	
14.2 UN pr	oper shipping name		
ADN		: ENVIRONMEN N.O.S. (Oestriol)	TALLY HAZARDOUS SUBSTANCE, SOLID,
ADR		: ENVIRONMEN N.O.S. (Oestriol)	TALLY HAZARDOUS SUBSTANCE, SOLID,
RID		: ENVIRONMEN N.O.S. (Oestriol)	TALLY HAZARDOUS SUBSTANCE, SOLID,
IMDG		: ENVIRONMEN N.O.S. (Oestriol)	TALLY HAZARDOUS SUBSTANCE, SOLID,
ΙΑΤΑ		: Environmentall (Oestriol)	y hazardous substance, solid, n.o.s.
14 3 Trans	nort hazard class(es)		

Subsidiary risks

14.3 Transport hazard class(es)

	Class
ADN	: 9
ADR	: 9
RID	: 9
IMDG	: 9
ΙΑΤΑ	: 9

14.4 Packing group

ADN Packing group Classification Code Hazard Identification Number Labels	: : :	III M7 90 9
ADR Packing group Classification Code Hazard Identification Number Labels Tunnel restriction code	: : : : : : : : : : : : : : : : : : : :	III M7 90 9 (-)
RID Packing group Classification Code Hazard Identification Number Labels IMDG		III M7 90 9

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	Packing Labels EmS C	g group ode	:	III 9 F-A, S-F	
	IATA (Packing aircraft	g instruction (cargo	:	956	
	Packing	g instruction (LQ) g group	:	Y956 III Miscellaneous	
	Packing	Passenger) g instruction (passen-	:	956	
		g instruction (LQ) g group	:	Y956 III Miscellaneous	
	14.5 Environmental hazards		•	Miscellaneous	
	ADN Enviror	nmentally hazardous	:	yes	
	ADR Enviror	nmentally hazardous	:	yes	
		nmentally hazardous	:	yes	
	IMDG Marine	pollutant	:	yes	
		Passenger) Imentally hazardous	:	yes	
	IATA (Enviror	Cargo) nmentally hazardous	:	yes	
14.6	Specia	I precautions for use	ər		

14.6 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.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Remarks

: Not applicable for product as supplied.

SECTION 15: Regulatory information

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

Relevant EU provisions transposed through retained EU law

UK REACH List of restrictions (Annex 17)	:	Not applicable
UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation	:	Not applicable

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The Persistent Organic Pollutants Regulations (retained : Not applicable Regulation (EU) 2019/1021 as amended for Great Brit- ain)					
,	ation (EC) on substand	es that deplete the ozo	one :	Not applicable	
UK RI	EACH List of substance x XIV)	es subject to authorisat	tion :	Not applicable	
GB Ex	kport and import of haz ned Consent (PIC) Reg		or :	Not applicable	
Control of Major Accident Hazards Regulations 2015 (COMAH)					
E1		ENVIRONMENT HAZARDS	,	Quantity 1 100 t	Quantity 2 200 t

Other regulations:

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to new and expectant mothers at work contained in Regulation 16 to 18) and of the Pregnant Workers Directive 92/85/EEC.

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to protection of young people at work contained in Regulation 19) and of Directive 94/33/EC on the protection of young people at work.

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

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

15.2 Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

Other information :	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 H-Statements				
H350 : H360FD : H372 : H410 :	May cause cancer. May damage fertility. May damage the unborn child. Causes damage to organs through prolonged or repeated exposure if swallowed. Very toxic to aquatic life with long lasting effects.			
Full text of other abbreviations				
Aquatic Chronic:Carc.:Repr.:STOT RE:GB EH40:	Long-term (chronic) aquatic hazard Carcinogenicity Reproductive toxicity Specific target organ toxicity - repeated exposure UK. EH40 WEL - Workplace Exposure Limits			



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GB EH40 / TWA

: Long-term exposure limit (8-hour TWA reference period)

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA -European Chemicals Agency; EC-Number - European Community number; 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; 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; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; 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; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; 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

Further information

Aquatic Chronic 1

Sources of key data used to compile the Safety Data Sheet	:	Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, http://echa.europa.eu/	
Classification of the mixtur	e:		Classification procedure:
Carc. 1A	H3	50	Calculation method
Repr. 1A	H36	60FD	Calculation method
STOT RE 2	H37	73	Calculation method

H410

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

Calculation method



Estriol Formulation (Veterinary)

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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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