UK REACH Regulations SI 2019/758



Flugestone Acetate Formulation

Version	Revision Date:	SDS Number:	Date of last issue: 06.04.2024
3.3	28.09.2024	10823316-00006	Date of first issue: 28.07.2022

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

1.1	Product identifier Trade name	:	Flugestone Acetate Formulation
1.2	Relevant identified uses of th	ne s	substance or mixture and uses advised against
	Use of the Sub- stance/Mixture	:	Veterinary product
	Recommended restrictions on use	:	Not applicable
1.3	Details of the supplier of the	saf	ety 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)

Reproductive toxicity, Category 1B

Long-term (chronic) aquatic hazard, Category 1

H360FD: May damage fertility. May damage the unborn child. H410: Very toxic to aquatic life with long lasting effects.

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



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

Flugestone Acetate Formulation

Version 3.3	Revision Date: 28.09.2024	-	SDS Number: 10823316-000	006	Date of last issue: 06.04.2024 Date of first issue: 28.07.2022
Signa	l word	:	Danger		
Hazard statements		:	H360FD	May o	damage fertility. May damage the unborn
			H410	Very	toxic to aquatic life with long lasting effects.
Precautionary statements		:	Prevention	:	
			P201		n special instructions before use.
			P273 P280		release to the environment. protective gloves/ protective clothing/ eye
			F200		ction/ face protection.
			Response:		
			P308 + P31	3 IF attent	exposed or concerned: Get medical advice/ ion.
			P391	Colle	ct spillage.
			Storage:		
			P405	Store	locked up.

Hazardous components which must be listed on the label:

flugestone 17-acetate

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)
flugestone 17-acetate	2529-45-5 219-776-9	Repr. 1B; H360FD STOT RE 2; H373 (Adrenal gland) Aquatic Chronic 1; H410 M-Factor (Chronic aquatic toxicity): 100,000	>= 2.5 - < 10

For explanation of abbreviations see section 16.

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



Flugestone Acetate Formulation

Version	Revision Date:	SDS Number:	Date of last issue: 06.04.2024
3.3	28.09.2024	10823316-00006	Date of first issue: 28.07.2022

SECTION 4: First aid measures

4.1 Description of first aid measure	es
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
Risks :	May damage fertility. May damage the unborn child.
	Contact with dust can cause mechanical irritation or drying of the skin.
	Dust contact with the eyes can lead to mechanical irritation.
4.3 Indication of any immediate me	dical attention and special treatment needed
Treatment :	Treat symptomatically and supportively.
SECTION 5: Firefighting measured	res
5.1 Extinguishing media	
Suitable extinguishing media :	Water spray
	Alcohol-resistant foam



Flugestone Acetate Formulation

Versi 3.3	ion	Revision Date: 28.09.2024		DS Number: 823316-00006	Date of last issue: 06.04.2024 Date of first issue: 28.07.2022
	Unsuitable extinguishing media		:	None known.	
5.2 S	Special	hazards arising from	the	e substance or mi	xture
			:	concentrations, a potential dust exp	dust; fine dust dispersed in air in sufficient nd in the presence of an ignition source is a plosion hazard. pustion products may be a hazard to health.
	Hazardous combustion prod- ucts		:	Carbon oxides	
5.3 A	dvice	for firefighters			
	Special protective equipment for firefighters		:		e, wear self-contained breathing apparatus. tective equipment.
	Specific extinguishing meth- ods		:	cumstances and Use water spray	g measures that are appropriate to local cir- the surrounding environment. to cool unopened containers. ged containers from fire area if it is safe to do

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).
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 Environ-
	ment 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 con- tainer 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 surfac- es, as these may form an explosive mixture if they are re- leased into the atmosphere in sufficient concentration. Local or national regulations may apply to releases and dis- posal of this material, as well as those materials and items employed in the cleanup of releases. You will need to deter- mine which regulations are applicable.

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



Flugestone Acetate Formulation

Version	Revision Date: 28.09.2024	SDS Number:	Date of last issue: 06.04.2024
3.3		10823316-00006	Date of first issue: 28.07.2022

Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

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. Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure assessment 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. Take care to prevent spills, waste and minimize release to the environment.
Hygiene measures	 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, i	ncluding any incompatibilities
Requirements for storage areas and containers	: Keep in properly labelled containers. Store locked up. Keep tightly closed. Store in accordance with the particular national regulations.
Advice on common storage	: Do not store with the following product types: Strong oxidizing agents

Organic peroxides

Explosives Gases

Self-reactive substances and mixtures

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



Flugestone Acetate Formulation

Version	Revision Date:	SDS Number:	Date of last issue: 06.04.2024
3.3	28.09.2024	10823316-00006	Date of first issue: 28.07.2022

7.3 Specific end use(s)

Specific use(s)

: No data available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

dust of any kind

10 mg/m3 Value type (Form of exposure): TWA (Inhalable) Basis: GB EH40

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
flugestone 17- acetate	2529-45-5	TWA	0.2 μg/m3 (OEB 5)	Internal
		Wipe limit	2 µg /100 cm2	Internal

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.

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

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



Flugestone Acetate Formulation

Version 3.3	Revision Date: 28.09.2024	SDS Number: 10823316-0000	Date of last issue: 06.04.2024 Date of first issue: 28.07.2022
Resp	Respiratory protection		d clothing. ocal exhaust ventilation is not available or expo- ment demonstrates exposures outside the rec- guidelines, use respiratory protection. should conform to BS EN 143
Fi	lter type	: Particulates	

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance Colour Odour Odour Threshold	:	powder white odourless 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	:	Not applicable
Evaporation rate	:	Not applicable
Flammability (solid, gas)	:	May form explosive dust-air mixture during processing, han- dling or other means.
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Vapour pressure	:	Not applicable
Relative vapour density	:	Not applicable
Relative density	:	No data available
Density	:	No data available
Solubility(ies) Water solubility Partition coefficient: n- octanol/water Auto-ignition temperature	: :	partly miscible Not applicable No data available
Decomposition temperature	:	No data available
Viscosity	•	
Viscosity, kinematic	:	Not applicable

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



Flugestone Acetate Formulation

Version 3.3	Revision Date: 28.09.2024	SDS Number: 10823316-00006	Date of last issue: 06.04.2024 Date of first issue: 28.07.2022
Explosive properties		: Not explosive	mixture is not clossified as svidining
Oxidizing properties 9.2 Other information Flammability (liquids)		: Not applicable	mixture is not classified as oxidizing.
Moleo	cular weight	: No data available	
Partic	cle size	: No data available	

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, han- dling or other means. Can react with strong oxidizing agents.
10.4 Conditions to avoid		
Conditions to avoid	:	Heat, flames and sparks. Avoid dust formation.
10.5 Incompatible materials Materials to avoid	:	Oxidizing agents

10.6 Hazardous decomposition products

No hazardous decomposition products are known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Information on likely routes of	:	Inhalation
exposure		Skin contact
		Ingestion
		Eye contact

Acute toxicity

Not classified based on available information.

Components:

flugestone 17-acetate:

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



Flugestone Acetate Formulation

Vers 3.3	sion	Revision Date: 28.09.2024	-	9S Number: 823316-00006	Date of last issue: 06.04.2024 Date of first issue: 28.07.2022
	Acute	oral toxicity	:	Remarks: No data	available
	Skin corrosion/irritation Not classified based on available <u>Components:</u>			information.	
	fluges Remar	tone 17-acetate: ks	:	No data available	
	Serious eye damage/eye irritation Not classified based on available information.				
	Comp	onents:			
	fluges Remar	tone 17-acetate: ks	:	No data available Mild eye irritation	
	Respir	atory or skin sensitis	atic	n	
		ensitisation Issified based on availa	able	information.	
	-	ratory sensitisation assified based on availa	able	information.	
	Comp	onents:			
	fluges Remar	tone 17-acetate: ks	:	No data available	
		cell mutagenicity assified based on availa	able	information.	
	Comp	onents:			
	-	tone 17-acetate: oxicity in vitro	:	Test Type: Microb Result: negative	ial mutagenesis assay (Ames test)
				Test Type: Mouse Result: negative	Lymphoma
				Test Type: Chrom Test system: Hum Result: negative	osomal aberration an lymphocytes
	Genote	oxicity in vivo	:	Remarks: No data	available
	Germ o sessm	cell mutagenicity- As- ent	:	Weight of evidenc cell mutagen.	e does not support classification as a germ

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



Flugestone Acetate Formulation

Version	Revision Date:	SDS Number:	Date of last issue: 06.04.2024
3.3	28.09.2024	10823316-00006	Date of first issue: 28.07.2022

Carcinogenicity

Not classified based on available information.

Components:

flugestone 17-acetate:

Remarks	:	No data available
Carcinogenicity - Assess-	:	No data available

ment

Reproductive toxicity

May damage fertility. May damage the unborn child.

Components:

flugestone 17-acetate:

Effects on fertility	:	Test Type: One-generation reproduction toxicity study Species: Rabbit Application Route: Oral General Toxicity - Parent: NOAEL: 0.003 mg/kg body weight Fertility: NOAEL: 0.003 mg/kg body weight
Effects on foetal develop- ment	:	Test Type: Embryo-foetal development Species: Rat Application Route: Oral General Toxicity Maternal: NOAEL: 0.1 mg/kg body weight Teratogenicity: NOAEL: 10 mg/kg body weight Embryo-foetal toxicity: NOAEL: 10 mg/kg body weight
		Test Type: Embryo-foetal development Species: Rabbit Application Route: Oral General Toxicity Maternal: NOAEL: 0.01 mg/kg body weight Embryo-foetal toxicity: NOAEL: 0.04 mg/kg body weight
Reproductive toxicity - As- sessment	:	Clear evidence of adverse effects on sexual function and fertil- ity, based on animal experiments., Clear evidence of adverse effects on development, based on animal experiments.

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Components:

flugestone 17-acetate:

Exposure routes	:	Oral
Target Organs		Adrenal gland
Assessment	:	Shown to produce significant health effects in animals at con-

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



Flugestone Acetate Formulation

Version 3.3	Revision Date: 28.09.2024		OS Number: 823316-00006	Date of last issue: 06.04.2024 Date of first issue: 28.07.2022
			centrations of >10) to 100 mg/kg bw.
Rep	eated dose toxicity			
Con	nponents:			
flug	estone 17-acetate:			
Expo			Rat 0.2 mg/kg Oral 90 d daily Adrenal gland	
-	iration toxicity classified based on availa	able	information.	
	erience with human exp			
<u>Con</u>	<u>nponents:</u>			
-	estone 17-acetate: eral Information	:	May cause adver	se reproductive effects.
12.1 Tox <u>Con</u>	<u>nponents:</u>			
flug	estone 17-acetate:			
-	city to fish (Chronic tox-	:	NOEC: < 0.0004 Exposure time: 32 Species: Zebrafis Method: OECD T Remarks: Based	2 d h
M-F toxic	actor (Chronic aquatic city)	:	100,000	
	sistence and degradabil data available	lity		
	accumulative potential data available			
	b ility in soil data available			
12.5 Res	ults of PBT and vPvB a	sse	ssment	
Pro	duct:			
Asse	essment	:	This substance/m	ixture contains no components considered

Flugestone Acetate Formulation

Version 3.3	Revision Date: 28.09.2024		Number: 3316-00006	Date of last issue: 06.04.2024 Date of first issue: 28.07.2022
		v	to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.	
12.6 Othe	r adverse effects			
Prod	uct:			
Endo tial	crine disrupting poten-	е	: This substance/mixture does not contain components conserved to have endocrine disrupting properties for environme according to UK REACH Article 57(f).	
SECTION	N 13: Disposal consi	iderati	ons	
13.1 Wast	te treatment methods			
Produ	uct	A a	 Dispose of in accordance with local regulations. According to the European Waste Catalogue, Waste Code are not product specific, but application specific. Waste codes should be assigned by the user, preferably in 	

Contaminated packaging	:	discussion with the waste disposal authorities. Do not dispose of waste into sewer. Empty containers should be taken to an approved waste han- dling site for recycling 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
IMDG	:	UN 3077
ΙΑΤΑ	:	UN 3077
14.2 UN proper shipping name		
ADN	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (flugestone 17-acetate)
ADR	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (flugestone 17-acetate)
RID	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (flugestone 17-acetate)
IMDG	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (flugestone 17-acetate)

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



Flugestone Acetate Formulation

Version 3.3	Revision Date: 28.09.2024		OS Number: 823316-00006	Date of last issue: 06.04.2024 Date of first issue: 28.07.2022
ΙΑΤΑ		:	Environmentally (flugestone 17-ad	hazardous substance, solid, n.o.s. cetate)
14.3 Tran	sport hazard class(es)			
			Class	Subsidiary risks
ADN		:	9	
ADR		:	9	
RID		:	9	
IMDO	6	:	9	
ΙΑΤΑ		:	9	
14.4 Pack	ing group			
Class	ing group sification Code rd Identification Number Is	:	III M7 90 9	
Class Haza Label	ing group sification Code rd Identification Number Is el restriction code	:	III M7 90 9 (-)	
Class	ing group sification Code rd Identification Number Is	:	III M7 90 9	
Labe	ing group	:	III 9 F-A, S-F	
IATA Packi aircra	(Cargo) ing instruction (cargo	:	956	
Packi	ing instruction (LQ)	:	Y956 III Miscellaneous	
Packi	(Passenger) ing instruction (passen- ircraft)	:	956	
Packi	ing instruction (LQ)	:	Y956 III Miscellaneous	

14.5 Environmental hazards

ADN

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

Flugestone Acetate Formulation

Version 3.3	Revision Date: 28.09.2024	SDS Number: 10823316-00006	Date of last issue: 06.04.2024 Date of first issue: 28.07.2022
Enviro	onmentally hazardous	: yes	
ADR Enviro	onmentally hazardous	: yes	
RID Enviro	onmentally hazardous	: yes	
IMDG Marin	e pollutant	: yes	
	(Passenger)	: yes	
	(Cargo) onmentally hazardous	: yes	

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 (A	Annex 17)	:	Not applicable	
UK REACH Candidate list of sub	, ,	:	Not applicable	
concern (SVHC) for Authorisatio The Persistent Organic Pollutant Regulation (EU) 2019/1021 as a	ts Regulations (retained	:	Not applicable	
ain) Regulation (EC) on substances t layer	that deplete the ozone	:	Not applicable	
UK REACH List of substances s (Annex XIV)	ubject to authorisation	:	Not applicable	
GB Export and import of hazard Informed Consent (PIC) Regulat		:	Not applicable	
Control of Major Accident Hazar		OMA	.H)	
-	-		Quantity 1	Quantity 2
E1	ENVIRONMENTAL		100 t	200 t
	HAZARDS			

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.



Flugestone Acetate Formulation

UK REACH Regulations SI 2019/758

Version	Revision Date:	SDS Number:	Date of last issue: 06.04.2024
3.3	28.09.2024	10823316-00006	Date of first issue: 28.07.2022

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 informati	on
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	
H360FD	: May damage fertility. May damage the unborn child.
H373	: May cause damage to organs through prolonged or repeated exposure if swallowed.
H410	: Very toxic to aquatic life with long lasting effects.
Full text of other abbreviation	ons
Aquatic Chronic	: Long-term (chronic) aquatic hazard
Repr.	: Reproductive toxicity
STOT RE	: Specific target organ toxicity - repeated exposure
GB EH40	: UK. EH40 WEL - Workplace Exposure Limits
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) Ef-



Flugestone Acetate Formulation

Version	Revision Date:	SDS Number:	Date of last issue: 06.04.2024
3.3	28.09.2024	10823316-00006	Date of first issue: 28.07.2022

fect 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 Agen- cy, http://echa.europa.eu/	
Classification of the mixture:			Classification procedure:
Repr. 1B	H3(60FD	Calculation method

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 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.

GB / EN