

SAFETY DATA SHEET

FACEGUARD BOLUS 251-660KG



Version Revision Date: SDS Number: Date of last issue: -
1.0 24.06.2020 122000017721 Date of first issue: 24.06.2020

Section 1: Identification

1.1 Product identifier

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HSNO Approval Number : HSR002454

ACVM number : A010744

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the Sub- : Veterinary medicine
stance/Mixture

1.3 Details of the supplier of the safety data sheet

Company

Elanco New Zealand
88 Shortland Street
1010 AUCKLAND
NEW ZEALAND
+64 0800 352 626
elanco_sds@elanco.com

1.4 Emergency telephone number


In case of emergency: CHEMTREC International: +1 703-527-3887 (24 hours)
or +64-98010034 (local)

Section 2: Hazard identification

GHS Classification

Aquatic toxicity (Acute or : 9.1A
Chronic)

GHS label elements

Hazard pictograms : 

Signal word : Warning

Hazard statements : H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements : **Prevention:**
P264 Wash skin thoroughly after handling.
P273 Avoid release to the environment.

Response:

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P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332 + P313 If skin irritation occurs: Get medical advice/ attention.
P337 + P313 If eye irritation persists: Get medical advice/ attention.
P391 Collect spillage.

Other hazards which do not result in classification

None known.

Section 3: Composition/information on ingredients

Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)
zinc powder - zinc dust (stabilized)	7440-66-6	>= 70 -< 90
Paraffin waxes and Hydrocarbon waxes	8002-74-2	>= 10 -< 20

Section 4: First-aid measures

General advice : Take off all contaminated clothing immediately.
You should call the National Poisons Centre if you feel that you may have been harmed or irritated by this product. The number is 0800 764 766 (0800 POISON) (24hr emergency service).

If inhaled : Remove to fresh air.
If symptoms persist, call a physician.

In case of skin contact : After contact with skin, wash immediately with plenty of soap and water.
If skin reactions occur, contact a physician.

In case of eye contact : In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

If swallowed : If swallowed, seek medical advice immediately and show this container or label.

Most important symptoms and effects, both acute and delayed : No information available.

Notes to physician : No information available.

Section 5: Fire-fighting measures

Suitable extinguishing media : Any

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- Unsuitable extinguishing media : none
- Specific hazards during fire-fighting : Fire may cause evolution of:
Carbon monoxide (CO)
Carbon dioxide (CO₂)
- Specific extinguishing methods : Prevent fire extinguishing water from contaminating surface water or the ground water system.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
Use personal protective equipment.
-

Section 6: Accidental release measures

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
Avoid dust formation.
- Environmental precautions : Do not flush into surface water or sanitary sewer system.
- Methods and materials for containment and cleaning up : Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).
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Section 7: Handling and storage

- Advice on protection against fire and explosion : No special protective measures against fire required.
- Advice on safe handling : Avoid dust formation.
Use with local exhaust ventilation.
Avoid contact with skin, eyes and clothing.
- Conditions for safe storage : For storage suitable stores with adequate product-reception volume must be used.
During handling local official regulations must be observed in order to avert impairment of water by the product.
-

Section 8: Exposure controls/personal protection

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Paraffin waxes and Hydrocarbon waxes	8002-74-2	WES-TWA (Fumes)	2 mg/m ³	NZ OEL
		WES-TWA (Fumes)	2 mg/m ³	NZ OEL
		TWA	2 mg/m ³	ACGIH

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		(Fumes)		
		TWA (Fumes)	2 mg/m ³	ACGIH

Personal protective equipment

- Respiratory protection : Recommended respiratory protection: full mask with filter ABEK-ST (ABEK-P3)
- Hand protection
Material : Hand protection: protective gloves for chemicals made of Baypren, nitrile rubber or PVC wear
- Remarks : Breakthrough time not tested; dispose of immediately after contamination. Advice: The gloves should not be reused.
- Eye protection : Safety glasses
- Protective measures : Wear suitable protective equipment.

Section 9: Physical and chemical properties

- Appearance : solid
- Melting point / range : No data available
- Boiling point/boiling range : No data available
- Auto-ignition temperature : No data available
- Decomposition temperature : No data available
- Explosive properties : No statements available.
- Oxidizing properties : No data available
- Impact sensitivity : No data available
- Minimum ignition energy : No data available

Section 10: Stability and reactivity

- Reactivity : No data available
- Chemical stability : No data available
- Possibility of hazardous reactions : No data available
- Conditions to avoid : No data available
- Incompatible materials : Oxidizing agents
- Hazardous decomposition : Carbon monoxide (CO)

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products Carbon dioxide (CO₂)

Section 11: Toxicological information

Acute toxicity

Product:

Acute dermal toxicity : Acute toxicity estimate (ATE): > 5.000 mg/kg
Method: Calculation method

Components:

Paraffin waxes and Hydrocarbon waxes:

Acute oral toxicity : LD50 (Rat): > 5.000 mg/kg
Acute inhalation toxicity : LC0 (Rat): 0,210 mg/l
Acute dermal toxicity : LD50 (Rabbit): > 4.000 mg/kg

Skin corrosion/irritation

Components:

Paraffin waxes and Hydrocarbon waxes:

Species : Rabbit
Method : OECD 404
Result : No skin irritation

Serious eye damage/eye irritation

Components:

zinc powder - zinc dust (stabilized):

Species : Rabbit
Method : OECD 405
Remarks : slight irritation

Paraffin waxes and Hydrocarbon waxes:

Species : Rabbit
Result : No eye irritation
Method : OECD 405

Respiratory or skin sensitisation

Components:

Paraffin waxes and Hydrocarbon waxes:

Species : Guinea pig
Method : OECD 406
Result : Does not cause skin sensitisation.

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Chronic toxicity

Germ cell mutagenicity

Components:

zinc powder - zinc dust (stabilized):

- Genotoxicity in vitro : Test Type: Ames test
Test system: Salmonella typhimurium
Result: negative
- Test Type: Mouse lymphoma assay
Metabolic activation: with and without metabolic activation
Method: OECD 476
Result: positive
- Genotoxicity in vivo : Test Type: Micronucleus test
Species: Rat
Application Route: Oral
Method: OECD 474
Result: No evidence of a genotoxic effect.
-

Section 12: Ecological information

Ecotoxicity

Components:

zinc powder - zinc dust (stabilized):

- Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 0,169 mg/l
Exposure time: 96 h
Test Type: static test
- Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): 1,833 mg/l
aquatic invertebrates : Exposure time: 48 h
Test Type: Immobilization
Method: OECD 202
- Toxicity to algae/aquatic : IC50 (Selenastrum Capricornutum (Green algae)): 0,15 mg/l
plants : Exposure time: 72 h
Test Type: Growth inhibition
Method: OECD 201
- Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): 2,9 mg/l
aquatic invertebrates (Chron- : Exposure time: 48 d
ic toxicity) : Test Type: Immobilization
Method: OECD 202
- Toxicity to microorganisms : EC50 (Activated sludge micro-organism): 5,2 mg/l
Exposure time: 3 h
Method: OECD 209

Paraffin waxes and Hydrocarbon waxes:

- Toxicity to fish : Method: DIN 38412

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Remarks: No toxic effects.

Toxicity to daphnia and other aquatic invertebrates : LC50 (Daphnia magna (Water flea)): > 1.000 mg/l
Exposure time: 48 h

Toxicity to algae/aquatic plants : LC50 (Selenastrum capricornutum (green algae)): > 1.000 mg/l
Exposure time: 3 d

Toxicity to fish (Chronic toxicity) : LC50 (Oncorhynchus mykiss (rainbow trout)): >= 1.000 mg/l
Exposure time: 28 d

Persistence and degradability

Components:

Paraffin waxes and Hydrocarbon waxes:

Biodegradability : Result: rapidly biodegradable
Method: OECD 301 B

Bioaccumulative potential

Components:

Paraffin waxes and Hydrocarbon waxes:

Partition coefficient: n-octanol/water : log Pow: 2 - 6

Mobility in soil

No data available

Other adverse effects

Product:

Additional ecological information : Do not allow to enter surface waters or groundwater.

Section 13: Disposal considerations

Disposal methods

Waste from residues : Dispose of as hazardous waste in compliance with local and national regulations.

Section 14: Transport information

IATA-DGR

UN/ID No. : UN 3077
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (ZINC)
Class : 9

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Packing group : III
Labels : 9
Environmentally hazardous : yes

IMDG-Code

UN number : UN 3077
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID,
N.O.S.
(ZINC)
Class : 9
Packing group : III
Labels : 9
Marine pollutant : yes

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

Not applicable for product as supplied.

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

Section 15: Regulatory information

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

HSNO Approval Number

HSR002454

HSW Controls

Approved handler certificate not required.
HSNO tracking not required.
Refer to EPA user guide to the HSNO control regulations for further information.

Montreal Protocol (Ozone Depleting Substances) : Not applicable

Rotterdam Convention (Prior Informed Consent) : Not applicable

Stockholm Convention (Persistent Organic Pollutants) : Not applicable

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

NZIoC : On the inventory, or in compliance with the inventory

Section 16: Other information

Date format : dd.mm.yyyy

Full text of other abbreviations

ACGIH : USA. ACGIH Threshold Limit Values (TLV)
NZ OEL : New Zealand. Workplace Exposure Standards for Atmospher-

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ic Contaminants

ACGIH / TWA : 8-hour, time-weighted average
NZ OEL / WES-TWA : Workplace Exposure Standard - Time Weighted average

AICS - Australian Inventory of Chemical Substances; 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; 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

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 given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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