



SECTION 1: IDENTIFICATION	
1.1 Product identifier	
Product name	Laverdia-CA1 (Verdinexor) Tablets, 2.5 mg, 10 mg, and 50 mg
Chemical name	Not Applicable
Synonyms	(Z)-3-[3-(3,5-Bis-trifluoromethylphenyl)-1H-[1,2,4]-triazol-1-yl]acrylic acid N'-pyridin-2-yl hydrazide; KY9; KPT-335; ALI-335; Verdinexor Tablets for dogs
Proper shipping name	Aviation regulated liquid, n.o.s. (contains sevoflurane)
Chemical formula	Not Applicable
Other means of identification	Not Available
1.2 Relevant identified uses of the substances or mixture and uses advised against	
Recommended uses	Indicated for the treatment of lymphoma in dogs. This SDS is written to address potential worker health and safety issues associated with the handling of the mixture
1.3 Details of the supplier of the substance or mixture	
Registered company name (US)	Dechra Veterinary Products
Address	7015 College Blvd Suite 525 Overland Park KS 66211 USA
Telephone	866-933-2472
Fax	Not Available
Email	Not Available
1.4 Emergency telephone numbers	
Dechra (US)	866-933-2472

SECTION 2: HAZARDS IDENTIFICATION	
2.1 Classification of the substance or mixture Safety Data Sheet according to OSHA HazCom Standard (2012) requirements (L.GHS.USA)	
NFPA 704 diamond	
	Note: The hazard category numbers found in GHS classification in section 2 of this SDSs are NOT to be used to fill in the NFPA 704 diamond. Blue = Health Red = Fire Yellow = Reactivity White = Special (Oxidizer or water reactive substances)
Classification	Skin corrosion/irritation category 2, serious eye damage/eye irritation category 1, specific target organ toxicity – single exposure (respiratory tract irritation) category 3, hazardous to the aquatic environment acute hazard category 3, suspected of damaging the unborn child Reproductive toxicity Category 2
2.2 Label elements	
Hazard pictogram(s)	
Signal word	Danger
Hazard statement(s)	
H315	Causes skin irritation.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H402	Harmful to aquatic life.
H361d	Suspected of damaging the unborn child.
H372	Causes damage to organs (thymus and testes) through prolonged or repeated exposure

Hazard(s) not otherwise classified	
Not Applicable	
Precautionary statement(s) prevention	
P201	Obtain special instructions before use.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P261	Avoid breathing dust/fumes.
P273	Avoid release to the environment.
P280	Wear protective gloves, protective clothing, eye protection and face protection.
P264	Wash all exposed external body areas thoroughly after handling.
Precautionary statement(s) response	
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor/physician/first aider.
P308+P313	If exposed or concerned: Get medical advice/attention.
P312	Call a POISON CENTER/doctor/physician/first aider/if you feel unwell.
P302+P352	IF ON SKIN: Wash with plenty of water.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
Precautionary statement(s) storage	
P405	Store locked up.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
Precautionary statement(s) disposal	
P501	Dispose of contents/container to authorised hazardous or special waste collection point in accordance with any local regulation.
Other hazards	
Verdinexor is a selective inhibitor of nuclear export CRM1/XPO1 protein. Key clinical effects include headache, dizziness, lethargy, nausea, diarrhea, and sperm abnormalities. CRM1/XPO1 protein has shown to be involved during normal embryonic development. As such, based on the mechanism of action, a potential for verdinexor to adversely affect embryonic development cannot be ruled out in the absence of definitive data.	
Note	
This mixture is classified as hazardous under GHS as implemented by Regulation EC No 1272/2008 (EU CLP), WHMIS 2015 (Health Canada), and Hazard Communication Standard No. 1910.1200 (US OSHA).	

SECTION 3: INFORMATION ON THE INGREDIENTS

3.1 Substances

See section above for composition of Substances

3.2 Mixtures

CAS No.	% [weight]	Name
9004-34-6	65-95	cellulose
1392136-43-4	2.5-9.5	verdinexor
151-21-3	0.5-3.5	sodium lauryl sulfate
557-04-0	0.2-2	magnesium stearate
112945-52-5	0.5-1.5	silica amorphous
74811-65-7	1-7	sodium croscarmellose
9003-39-8	2-6	Vinyl pyrrolidone homopolymer
Not Available	balance	Ingredients determined not to be hazardous

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4: FIRST AID MEASURES	
4.1 Description of first aid measures	
Eye contact	If easy to do, remove contact lenses, if worn. Immediately flush eyes with copious quantities of water for at least 15 minutes. If irritation occurs or persists, notify medical personnel and supervisor.
Skin contact	Wash exposed area with soap and water and remove contaminated clothing/shoes. If irritation occurs or persists, notify medical personnel and supervisor.
Inhalation	Immediately move exposed subject to fresh air. If not breathing, give artificial respiration. If breathing is labored, administer oxygen. Immediately notify medical personnel and supervisor.
Ingestion	If swallowed, call a physician immediately. Do not induce vomiting unless directed by medical personnel. Do not give anything to drink unless directed by medical personnel. Never give anything by mouth to an unconscious person. Notify medical personnel and supervisor.
4.2 Most important symptoms and effects, both acute and delayed Medical conditions aggravated by exposure: None known or reported. Treat symptomatically and supportively. Also see section 11	
4.3 Indication of immediate medical attention and special treatment needed Treat symptomatically	

SECTION 5: FIRE FIGHTING MEASURES	
5.1 Extinguishing media Use foam, dry chemical powder, BCF (where regulations permit), carbon dioxide or water spray or fog – large fires only	
5.2 Special hazards arising from the substance or mixture	
Fire incompatibility	Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result
5.3 Special protective actions for fire-fighters:	
Firefighting	Wear full body protective clothing with breathing apparatus. Prevent, by any means available, spillage from entering drains or water course. Use water delivered as a fine spray to control fire and cool adjacent area. Avoid spraying water onto liquid pools. DO NOT approach containers suspected to be hot. Cool fire exposed containers with water spray from a protected location. If safe to do so, remove containers from path of fire.
Fire / explosion hazard	Combustible solid which burns but propagates flame with difficulty; it is estimated that most organic dusts are combustible (circa 70%) - according to the circumstances under which the combustion process occurs, such materials may cause fires and/or dust explosions.

SECTION 6: ACCIDENTAL RELEASE MEASURES	
6.1 Personal precautions, protective equipment and emergency procedures If product is released or spilled, take proper precautions to minimize exposure by using appropriate personal protective equipment (see Section 8). Area should be adequately ventilated. Do not breathe dust. Also see Section 8	
6.2 Environmental precautions Do not empty into drains. Avoid release to the environment. Also see Section 12	
6.3 Methods and material for containment and cleaning up	
Minor spills	If tablets are spilled, scoop up and dispose of in a manner that is compliant with federal, state or local laws. If tablets are crushed/broken, DO NOT RAISE DUST. Surround spill or powder with absorbents and place a damp cloth or towel over the area to

	minimize entry of powder into the air. Scoop up broken pieces. Add excess liquid to allow the material to enter solution. Capture remaining liquid onto spill absorbents. Place spill materials into a leak-proof container suitable for disposal in accordance with applicable waste disposal regulations. Decontaminate the area twice.
Major spills	Clear area of personnel and move upwind. Alert Fire Brigade. Wear full body protective clothing with breathing apparatus. Prevent, by all means available, spillage from entering drains or water courses. Stop leak if safe to do so. Wash area and prevent runoff into drains. Place spilled material in clean, dry, sealable, labelled container.
Personal Protective Equipment advice is contained in Section 8.	

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Safe handling	If tablets are crushed or broken, dust containing drug substance may be released. Minimize dust generation and accumulation. Follow recommendations for handling bulk formulated/packaged pharmaceutical agents (i.e., use of engineering controls and/or other personal protective equipment if needed). Avoid contact with eyes, skin, and other mucous membranes. Wash thoroughly after handling. Do not breathe dust. Use good occupational work practice Observe manufacturer's storage/handling recommendations contained within this SDS.
Other information	Store in original containers. Keep containers securely sealed. Store in a cool, dry, well-ventilated area. Observe manufacturer's storage and handling recommendations contained within this SDS. For major quantities, consider storage in banded areas. Ensure that accidental discharge to air or water is the subject of a contingency disaster management plan.

7.2 Conditions for safe storage, including any incompatibilities

Suitable container	HDPE bottle with a heat sealed, child-resistant cap and a desiccant included in each bottle. Keep container tight closed. Store locked up. 20 – 25°C. Glass container is suitable for laboratory quantities.
Storage incompatibility	Avoid strong acids, bases. Avoid reaction with oxidising agents

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Note: Wash hands, face and other potentially exposed areas immediately in the event of physical contact.

8.1 Control parameters

Occupational exposure limits (OEL)

INGREDIENT DATA

Source	Ingredient	Material name	TWA	STEL	Peak	Notes
US OSHA Permissible Exposure Limits (PELs) Table Z-3	cellulose	Inert or Nuisance Dust: Total Dust	15 mg/m ³ / 50 mppcf	Not Available	Not Available	Not Available
US OSHA PELs Table Z-3	cellulose	Inert or Nuisance Dust: Respirable fraction	5 mg/m ³ / 15 mppcf	Not Available	Not Available	Not Available
US OSHA PELs Table Z-1	cellulose	Cellulose - respirable fraction	5 mg/m ³	Not Available	Not Available	Not Available
US OSHA PELs Table Z-1	cellulose	Cellulose- Total dust	15 mg/m ³	Not Available	Not Available	Not Available
US NIOSH Recommended Exposure Limits (RELs)	cellulose	Cellulose - total	10 mg/m ³	Not Available	Not Available	Not Available
US NIOSH RELs	cellulose	Cellulose - respirable	5 mg/m ³	Not Available	Not Available	Not Available
US ACGIH Threshold Limit Values (TLV)	cellulose	Cellulose	10 mg/m ³	Not Available	Not Available	Not Available

US OSHA PELs Table Z-3	magnesium stearate	Inert or Nuisance Dust: Respirable fraction	5 mg/m ³ / 15 mppcf	Not Available	Not Available	Not Available
US OSHA PELs Table Z-3	magnesium stearate	Inert or Nuisance Dust: Total Dust	15 mg/m ³ / 50 mppcf	Not Available	Not Available	Not Available
US OSHA PELs Table Z-1	magnesium stearate	Particulates Not Otherwise Regulated (PNOR)- Respirable fraction	5 mg/m ³	Not Available	Not Available	Not Available
US OSHA PELs Table Z-1	magnesium stearate	PNOR - Total dust	15 mg/m ³	Not Available	Not Available	Not Available
US NIOSH RELs	magnesium stearate	Particulates not otherwise regulated	Not Available	Not Available	Not Available	See Appendix D
US ACGIH TLV	magnesium stearate	Stearates (Inhalable particulate matter)	10 mg/m ³	Not Available	Not Available	A4
US ACGIH TLV	magnesium stearate	Stearates (Respirable particulate matter)	3 mg/m ³	Not Available	Not Available	A4
US OSHA PELs Table Z-3	silica amorphous	Amorphous, including natural diatomaceous earth	80 (%SiO ₂) mg/m ³ / 20 mppcf	Not Available	Not Available	Not Available
US OSHA PELs Table Z-1	silica amorphous	PNOR - Respirable fraction	5 mg/m ³	Not Available	Not Available	Not Available
US OSHA PELs Table Z-1	silica amorphous	PNOR - Total dust	15 mg/m ³	Not Available	Not Available	Not Available
US NIOSH RELs	silica amorphous	Silica, amorphous	6 mg/m ³	Not Available	Not Available	Not Available

Emergency limits

Ingredient	TEEL-1	TEEL-2	TEEL-3
sodium lauryl sulfate	3.9 mg/m ³	43 mg/m ³	260 mg/m ³
silica amorphous	18 mg/m ³	200 mg/m ³	1,200 mg/m ³
silica amorphous	18 mg/m ³	100 mg/m ³	630 mg/m ³
silica amorphous	120 mg/m ³	1,300 mg/m ³	7,900 mg/m ³
silica amorphous	45 mg/m ³	500 mg/m ³	3,000 mg/m ³
silica amorphous	18 mg/m ³	740 mg/m ³	4,500 mg/m ³
vinyl pyrrolidone homopolymer	51 mg/m ³	560 mg/m ³	20,000 mg/m ³

Ingredient	Original IDLH	Revised IDLH
cellulose	Not Available	Not Available
verdinexor	Not Available	Not Available
sodium lauryl sulfate	Not Available	Not Available
magnesium stearate	Not Available	Not Available
silica amorphous	3,000 mg/m ³	Not Available
sodium croscarmellose	Not Available	Not Available
vinyl pyrrolidone homopolymer	Not Available	Not Available


Occupational Exposure Banding

Ingredient	Occupational Exposure Band Rating	Occupational Exposure Band Limit
verdinexor	E	≤ 0.01 mg/m ³
sodium lauryl sulfate	E	≤ 0.01 mg/m ³

Notes: Occupational exposure banding is a process of assigning chemicals into specific categories or bands based on a chemical's potency and the adverse health outcomes associated with exposure. The output of this process is an occupational exposure band (OEB), which corresponds to a range of exposure concentrations that are expected to protect worker health.

8.2 Exposure controls

Appropriate engineering controls	None required for normal handling of packaged product. If tablets are crushed or broken, or if handling bulk formulation: Control exposures to below the OEL (for the active ingredient(s) if available). Selection and use of containment devices and personal protective equipment should be based on a risk assessment of exposure potential. No open handling. Use specifically designed and engineered local exhaust ventilation (LEV) and/or enclosure at dust-generating points and for dust-generating operations unless process is contained. Isolation and closed containment technologies are strongly recommended (enclosed process - a barrier between the equipment and worker) with use of glove bags/continuous
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	liners, isolator systems, direct connections and closed systems. Use clean-in-place systems.
Personal protection	
Eye and face protection	None required for normal handling of packaged product. If tablets are crushed or broken, or if handling bulk formulation: Wear safety glasses with side shields, chemical splash goggles, or full face shield, if necessary. Base the choice of protection on the job activity and potential for contact with eyes or face. An emergency eye wash station should be available.
Skin protection	None required for normal handling of packaged product. If tablets are crushed or broken, or if handling bulk formulation: Wear disposable coveralls appropriate to the task, booties, two pairs of gloves and safety glasses with side shields. Protective garments (coveralls, disposable coveralls, lab coats) are not to be worn in common areas (e.g., cafeterias) or out-of-doors. Employees must be trained in proper gowning and degowning practices. An anteroom or transition area must be used for gowning and degowning.
Hands/feet protection	None required for normal handling of packaged product. If tablets are crushed or broken, or if handling bulk formulation: Wear nitrile or other impervious gloves if skin contact is possible. Double gloves should be considered. When the material is dissolved or suspended in an organic solvent, wear gloves that provide protection against the solvent.
Body protection	See other protection below.
Other protection	Wash hands in the event of contact with this substance, especially before eating, drinking or smoking. Protective equipment is not to be worn outside the work area (e.g., in common areas or out-of-doors).
Respiratory protection	None required for normal handling of packaged product. If tablets are crushed or broken, or if handling bulk formulation: Choice of respiratory protection should be appropriate to the task and the level of existing engineering controls. A powered air-purifying respirator (PAPR) with HEPA filters and head cover is required when performing dust-generating operations. An airline respirator or self-contained breathing apparatus (SCBA) and disposable outerwear is required for spill cleanup.
Environmental exposure	Avoid release to the environment and operate within closed systems wherever practicable. Air and liquid emissions should be directed to appropriate pollution control devices. In case of spill, do not release to drains. Implement appropriate and effective emergency response procedures to prevent release or spread of contamination and to prevent inadvertent contact by personnel.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: Tablets	Vapor density: NA
Physical state: Divided solid	Auto ignition temperature (degrees C): NA
Odor: Not Available	Decomposition temperature (degrees C): NA
Odor threshold: NA	Viscosity (degrees C): NA
pH (as supplied): NA	Explosive properties: NA
Melting point / freezing point (degrees C): 119.5-123.2 (verdinexor)	Oxidizing properties: NA
Initial boiling point and boiling range: NA	Partition coefficient: NA
Flash point: NA	Molecular weight: NA
Evaporation rate: NA	Taste: NA
Flammability: NA	Surface tension: NA
Upper/lower flammability or explosive limits: NA	Volatile component (%vol): NA
Vapor pressure: NA	Gas group: NA
Relative density (at degrees C): NA	pH as a solution: NA
Solubility in water (mg/l): Insoluble	VOC g/L: NA
	Specific gravity @ 20 degrees C (water = 1): NA

10: STABILITY AN REACTIVITY	
Reactivity	See Section 7
Chemical stability	Product is considered stable. Hazardous polymerization will not occur. Unstable in the presence of incompatible materials
Possibility of hazardous reactions	See Section 7
Conditions to avoid	See Section 7
Incompatible materials	See Section 7
Hazardous composition	See Section 5

SECTION 11: TOXICOLOGICAL INFORMATION			
Likely routes of exposure: None likely for packaged product. Tablets and or crushed/broken tablets and bulk material may be absorbed by inhalation, skin contact and ingestion.			
Inhalation	Evidence shows, or practical experience predicts, that the material produces irritation of the respiratory system, in a substantial number of individuals, following inhalation.		
Ingestion	Accidental ingestion of the material may be damaging to the health of the individual. At sufficiently high doses the material may be neurotoxic (i.e. poisonous to the nervous system)		
Skin contact	The material may accentuate any pre-existing dermatitis condition. Open cuts, abraded or irritated skin should not be exposed to this material		
Eye contact	When applied to the eye(s) of animals, the material produces severe ocular lesions which are present twenty-four hours or more after instillation.		
Chronic	Long-term exposure to respiratory irritants may result in disease of the airways involving difficult breathing and related systemic problems. Limited evidence shows that inhalation of the material is capable of inducing a sensitisation reaction in a significant number of individuals at a greater frequency than would be expected from the response of a normal population.		
Laverdia-CA1 (Verdinexor) Tablets	Acute toxicity Not Available	Irritation Not Available	
cellulose	Acute toxicity Dermal (rabbit) LD50: >2000 mg/kg ^[2] Inhalation (Rat) LC50; >5.8 mg/L4h ^[2] Oral (Rat) LD50; >5000 mg/kg ^[2]	Irritation Not Available	
verdinexor	Acute toxicity Not Available	Irritation Not Available	
Sodium lauryl sulfate	Acute toxicity dermal (rat) LD50: >2000 mg/kg ^[1] Oral (Rat) LD50; 1288 mg/kg ^[2]	Irritation Eye (rabbit): 100 mg/24 hr - moderate Eye: adverse effect observed (irritating) ^[1] Skin (human): 25 mg/24 hr - mild Skin: adverse effect observed (irritating) ^[1]	
Magnesium stearate	Acute toxicity Oral (Rat) LD50; >10000 mg/kg ^[2]	Irritation Not Available	
sodium croscarmellose	Acute toxicity Dermal (rabbit) LD50: >2000 mg/kg ^[2] Oral (Rat) LD50; >5050 mg/kg ^[2]	Irritation Eye (rabbit): minimal * Primary Irritation Index 0.1/8.0 Skin (rabbit): minimal	
vinyl pyrrolidone homopolymer	Acute toxicity Inhalation (Rat) LC50; >5.2 mg/L4h ^[2] Oral (Rabbit) LD50; 1040 mg/kg ^[2]	Irritation Eye (rabbit): non-irritating (Draize)* Skin (rabbit): non-irritating (Draize)**	
1 Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances			
Acute Toxicity	✘	Carcinogenicity	✘
Skin Irritation/Corrosion	✓	Reproductivity	✘
Serious Eye Damage/Irritation	✓	STOT – Single Exposure	✓
Respiratory or Skin Sensitization	✘	STOT – Repeated Exposure	✘

Mutagenicity *	Aspiration Hazard *
* - Data either not available or does not fill the criteria for classification ✓ - Data available to make classification	

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Laverdia-CA1 (Verdinexor) Tablets	Endpoint	Test Duration (hr)	Species	Value	Source
	Not Available	Not Available	Not Available	Not Available	Not Available
cellulose	Endpoint	Test Duration (hr)	Species	Value	Source
	Not Available	Not Available	Not Available	Not Available	Not Available
verdinexor	Endpoint	Test Duration (hr)	Species	Value	Source
	Not Available	Not Available	Not Available	Not Available	Not Available
sodium lauryl sulfate	Endpoint	Test Duration (hr)	Species	Value	Source
	EC0(ECx)	72h	Algae or other aquatic plants	30mg/l	1
	LC50	96h	Fish	1.25-2.5mg/L	4
	EC50	72h	Algae or other aquatic plants	4.8mg/l	2
	EC50	48h	Crustacea	0.939mg/l	1
	EC50	96h	Algae or other aquatic plants	1.25-2.5mg/L	4
magnesium stearate	Endpoint	Test Duration (hr)	Species	Value	Source
	Not Available	Not Available	Not Available	Not Available	Not Available
silica amorphous	Endpoint	Test Duration (hr)	Species	Value	Source
	EC0(ECx)	24h	Crustacea	>=10000mg/l	1
	LC50	96h	Fish	1033.016mg/	2
	EC50	72h	Algae or other aquatic plants	14.1mg/l	2
	EC50	48h	Crustacea	>86mg/l	2
	EC50	96h	Algae or other aquatic plants	217.576mg/l	2
sodium croscarmellose	Endpoint	Test Duration (hr)	Species	Value	Source
	Not Available	Not Available	Not Available	Not Available	Not Available
vinyl pyrrolidone homopolymer	Endpoint	Test Duration (hr)	Species	Value	Source
	Not Available	Not Available	Not Available	Not Available	Not Available

Extracted from 1. IUCLID Toxicity Data 2. Europe ECHA Registered Substances - Ecotoxicological Information - Aquatic Toxicity 3. EPIWIN Suite V3.12 (QSAR) - Aquatic Toxicity Data (Estimated) 4. US EPA, Ecotox database - Aquatic Toxicity Data 5. ECETOC Aquatic Hazard Assessment Data 6. NITE (Japan) - Bioconcentration Data 7. METI (Japan) - Bioconcentration Data 8. Vendor Data

Harmful to aquatic organisms

DO NOT discharge into sewer or waterways.

12.2 Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
cellulose	LOW	LOW
sodium lauryl sulfate	HIGH	HIGH
silica amorphous	LOW	LOW
vinyl pyrrolidone homopolymer	LOW	LOW

12.3 Bioaccumulative potential

Ingredient	Bioaccumulation
cellulose	LOW (LogKOW = -5.1249)
sodium lauryl sulfate	LOW (BCF = 7.15)
silica amorphous	LOW (LogKOW = 0.5294)
vinyl pyrrolidone homopolymer	LOW (LogKOW = 0.2484)

12.4 Mobility in soil

Ingredient	Mobility
cellulose	LOW (KOC = 10)

sodium lauryl sulfate	LOW (KOC = 10220)
silica amorphous	LOW (KOC = 23.74)
vinyl pyrrolidone homopolymer	LOW (KOC = 40.46)

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product / packaging disposal	<p>Antineoplastic (cytotoxic) wastes must be packed directly, ready for incineration, into colour-coded, secure, labelled, leak-proof containers sufficiently robust to withstand handling without breaking, bursting or leaking.</p> <p>Immediate containers must bear a nationally accepted symbol or device depicting cytotoxic substances and be labelled with the words: CYTOTOXIC WASTE - INCINERATE in a style of lettering approved by the national/ state authority.</p> <p>DO NOT allow wash water from cleaning or process equipment to enter drains.</p>
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SECTION 14: TRANSPORT INFORMATION

Labels required

Marine pollutant	No
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Land transport (US: DOT)

Not regulated for transport of dangerous goods

Land transport (ICAO-IATA / DGR)

Not regulated for transport of dangerous goods

Land transport IMDG-Code / GGVSee)

Not regulated for transport of dangerous goods

Transport in bulk according to Annex II of MARPOL and the IBC code

Not Applicable

Transport in bulk in accordance with MARPOL Annex V and the IMSBC Code

Product name	Group
	Not Available for any ingredient

Transport in bulk in accordance with the ICG Code

Product name	Ship type
	Not Available for any ingredient

SECTION 15: REGULATORY INFORMATION

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

Product regulated by FDA as a veterinary product

cellulose is found on the following regulatory lists

International WHO List of Proposed Occupational Exposure Limit (OEL) Values for Manufactured Nanomaterials (MNMS), US - Alaska Air Quality Control - Concentrations Triggering an Air Quality Episode for Air Pollutants Other Than PM-2.5, US - Massachusetts - Right To Know Listed Chemicals, US ACGIH Threshold Limit Values (TLV), US List of Active Substances Exempt from the TSCA Inventory Notifications (Active-Inactive) Rule, US NIOSH Recommended Exposure Limits (RELs), US OSHA Permissible Exposure Limits (PELs) Table Z-1, US OSHA Permissible Exposure Limits (PELs) Table Z-3, US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory, US TSCA Chemical Substance Inventory - Interim List of Active Substances

verdinexor is found on the following regulatory lists

Not Applicable

sodium lauryl sulfate is found on the following regulatory lists

US DOE Temporary Emergency Exposure Limits (TEELs), US List of Active Substances Exempt from the TSCA Inventory Notifications (Active-Inactive) Rule, US TSCA - Chemical Substance Inventory, US TSCA Chemical Substance Inventory - Interim List of Active Substances

magnesium stearate is found on the following regulatory lists

International WHO List of Proposed OEL Values for MNMS, US - Alaska Air Quality Control - Concentrations Triggering an Air Quality Episode for Air Pollutants Other Than PM-2.5, US ACGIH TLV, US ACGIH TLV – Carcinogens, US NIOSH RELs, US OSHA PELs Table Z-1, US OSHA PELs Table Z-3, US TSCA Chemical Substance Inventory, US TSCA Chemical Substance Inventory - Interim List of Active Substances

silica amorphous is found on the following regulatory lists

Chemical Footprint Project - Chemicals of High Concern List, International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs, International WHO List of Proposed OEL Values for MNMS US - Alaska Air Quality Control - Concentrations Triggering an Air Quality Episode for Air Pollutants Other Than PM-2.5, US - California - Biomonitoring – Priority Chemicals, US - California Proposition 65 – Carcinogens, US - California Safe Drinking Water and Toxic Enforcement Act of 1986 - Proposition 65 List, US - Massachusetts - Right To Know Listed Chemicals, US DOE TEELs, US NIOSH Carcinogens List, US NIOSH RELs, US OSHA PELs Table Z-1, US OSHA PELs Table Z-3, US TSCA Chemical Substance Inventory, US TSCA Chemical Substance Inventory - Interim List of Active Substances

sodium croscarmellose is found on the following regulatory lists

Not Applicable

Vinyl pyrrolidone homopolymer is found on the following regulatory lists

International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs. US DOE TEELs US TSCA Chemical Substance Inventory, US TSCA Chemical Substance Inventory - Interim List of Active Substances

Federal Regulations**Superfund Amendments and Reauthorization Act of 1986 (SARA)****Section 311/312 hazard categories**

Flammable (Gases, Aerosols, Liquids, or Solids)	No
Gas under pressure	No
Explosive	No
Self-heating	No
Pyrophoric (Liquid or Solid)	No
Pyrophoric Gas	No
Corrosive to metal	No
Oxidizer (Liquid, Solid or Gas)	No
Organic Peroxide	No
Self-reactive	No
In contact with water emits flammable gas	No
Combustible Dust	No
Carcinogenicity	No
Acute toxicity (any route of exposure)	No
Reproductive toxicity	No
Skin Corrosion or Irritation	Yes
Respiratory or Skin Sensitization	No
Serious eye damage or eye irritation	Yes
Specific target organ toxicity (single or repeated exposure)	No
Aspiration Hazard	No
Germ cell mutagenicity	No
Simple Asphyxiant	No
Hazards Not Otherwise Classified	No

US. EPA CERCLA Hazardous Substances and Reportable Quantities (40 CFR 302.4)
None Reported

State Regulations

US. California Proposition 65



WARNING: This product can expose you to chemicals including **silica amorphous**, which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov.

National Inventory Status	
Australia - AIIIC / Australia Non-Industrial Use	No (verdinexor)
Canada - DSL	No (verdinexor; sodium croscarmellose)
Canada - NDSL	No (verdinexor; magnesium stearate; sodium croscarmellose; vinyl pyrrolidone homopolymer)
China - IECSC	No (verdinexor)
Europe - EINEC / ELINCS / NLP	No (verdinexor; sodium croscarmellose; vinyl pyrrolidone homopolymer)
Japan - ENCS	No (cellulose; verdinexor; sodium croscarmellose)
Korea - KECI	No (verdinexor; sodium croscarmellose)
New Zealand - NZIoC	No (verdinexor)
Philippines - PICCS	No (verdinexor)
USA - TSCA	No (verdinexor; sodium croscarmellose)
Taiwan - TCSI	No (verdinexor)
Mexico - INSQ	No (verdinexor)
Vietnam - NCI	No (verdinexor)
Russia - FBEPH	No (verdinexor)
Yes = All CAS declared ingredients are on the inventory No = One or more of the CAS listed ingredients are not on the inventory. These ingredients may be exempt or will require registration	

SECTION 16: OTHER INFORMATION

Classification of the preparation and its individual components has drawn on an independent review by the Chemwatch Classification committee using available literature references.

Definitions and abbreviations

ACGIH: American Conference of Governmental Industrial Hygienists
 TEEL: Temporary Emergency Exposure Limit.
 IDLH: Immediately Dangerous to Life or Health Concentrations
 TLV: Threshold Limit Value
 BCF: BioConcentration Factors
 AIIIC: Australian Inventory of Industrial Chemicals
 DSL: Domestic Substances List
 NDSL: Non-Domestic Substances List
 IECSC: Inventory of Existing Chemical Substance in China
 EINECS: European INventory of Existing Commercial chemical Substances
 ELINCS: European List of Notified Chemical Substances
 NLP: No-Longer Polymers
 ENCS: Existing and New Chemical Substances Inventory
 KECI: Korea Existing Chemicals Inventory
 NZIoC: New Zealand Inventory of Chemicals
 PICCS: Philippine Inventory of Chemicals and Chemical Substances
 TSCA: Toxic Substances Control Act
 TCSI: Taiwan Chemical Substance Inventory
 INSQ: Inventario Nacional de Sustancias Químicas
 NCI: National Chemical Inventory
 FBEPH: Russian Register of Potentially Hazardous Chemical and Biological Substances

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