



Safety Data Sheet

Vetrudent™ Rawhide Dental Chews for Dogs coating solution

SECTION 1. IDENTIFICATION

Product Identifier Vetrudent™ Rawhides Dental Chews for Dogs

Recommended Use For coating rawhide used for dogs

Restrictions on Use None known

Initial Supplier Identifier Dechra Veterinary Products, 7015 College Blvd, Overland Park, KS 66211

Emergency Telephone Number Poison Control Center, 911 or Dechra 866-933-2472

SECTION 2. HAZARD IDENTIFICATION

Classification Non Hazardous as all ingredients are food additives, GRAS and Food Grade

Label Elements Not applicable

Other Hazards Not applicable

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration	Common name / Synonyms	Other identifiers
Purified Water	Not applicable	85-95%	Not applicable	Not applicable
Trisodium Citrate	6132-04-3	1-5%	Not applicable	Not applicable
Citric Acid	77-92-9	1-5%	Not applicable	Not applicable
Disodium EDTA	6381-92-6	1-5%	Not applicable	Not applicable
Potassium Benzoate	582-25-2	<1%	Not applicable	Not applicable
Zinc chloride	7646-85-7	<1%	Not applicable	Not applicable
Xanthan Gum	11138-66-2	<1%	Not applicable	Not applicable
Glycerol	56-81-5	<1%	Not applicable	Not applicable

Notes

Concentrations are expressed in % weight/weight.

SECTION 4. FIRST-AID MEASURES

Inhalation
Not applicable

**Skin Contact**

Wash affected areas promptly and thoroughly with soap and water. Rinse thoroughly. If irritation occurs, get medical attention

Eye Contact

Immediately rinse eyes with water holding eyes open and rinse slowly with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes. If irritation persists, call a Poison Control Center or physician for treatment advice.

Ingestion

If large quantities are swallowed, call a physician or the Poison Control Center

Most Important Symptoms and Effects, Acute and Delayed

Prolonged or repeat exposure may cause allergic reactions in certain sensitive individuals. Possible irritant to the skin or eyes

Immediate Medical Attention and Special Treatment

Not applicable

SECTION 5. FIRE-FIGHTING MEASURES**Extinguishing Media****Suitable Extinguishing Media**

Water spray, carbon dioxide, or foam suitable for the surrounding fire and materials.

Unsuitable Extinguishing Media

Not applicable

Specific Hazards Arising from the Product

Not applicable

Special Protective Equipment and Precautions for Fire-Fighters

Not applicable

SECTION 6. ACCIDENTAL RELEASE MEASURES**Personal Precautions, Protective Equipment, and Emergency Procedures**

Exercise appropriate precaution to minimize direct contact with skin or eyes. Rubber gloves are recommended for prolonged or repeated exposure. Glasses or goggles are recommended if splashing may occur.

Methods for Containment and Cleaning Up

Dispose of in accordance with all applicable federal, state and local laws.

SECTION 7. HANDLING AND STORAGE**Precautions for Safe Handling**

Wash hands after using product. Good practice requires that gross amounts of any chemical be removed from the skin as soon as practical, especially before eating. Avoid contact with eyes, skin and clothing.

Conditions for Safe Storage

Store at room temperature. Do not freeze. Keep out of reach of children.



SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH® TLV®		OSHA PEL	
	TWA	STEL	TWA	STEL
Trisodium Citrate	None established	None established	None established	None established
Citric Acid	Not available	Not available	Not available	Not available
Disodium EDTA	None established	None established	None established	None established
Potassium Benzoate	Not available	Not available	Not available	Not available
Zinc chloride	1 mg/m ³	2 mg/m ³	1 mg/m ³	2 mg/m ³
Xanthan	Not available	Not available	Not available	Not available
Glycerol	Not available	Not available	Not available	Not available

Notes

Appropriate Engineering Controls

Not applicable

Individual Protection

Measures

Eye/Face Protection

Not necessary under recommended conditions of use. Glasses or goggles if splashing may occur.

Skin Protection

Rubber gloves for prolonged or repeat use

Respiratory Protection

Not necessary under recommended conditions of use

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid, opaque
Odour	Slightly tangy odor
Odour Threshold	not applicable
pH	4.75 to 4.95
Melting Point and Freezing Point	not available
Initial Boiling Point and Boiling Range	not available
Flash Point	not available
Evaporation Rate	not available
Flammability (solid, gas)	not applicable
Upper and Lower Flammability or Explosive Limit	not available
Vapour Pressure	not available
Vapour Density (air = 1)	not available



Relative Density (water = 1)	not available
Solubility in Water	Soluble in water
Solubility in Other Liquids	not available
Partition Coefficient, n-Octanol / Water (Log Kow)	not available
Auto-ignition Temperature	not available
Decomposition Temperature	not available
Viscosity	4 mPa.S at 25°C determined by viscosimeter

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Non-reactive

Chemical Stability

Normally stable

Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

Conditions to Avoid

None known

Incompatible Materials

Keep away from cyanides

Hazardous Decomposition Products

None known

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Inhalation Skin contact Eye contact Ingestion

Acute Toxicity

LC50	Not available
LD50 (oral)	Not available
LD50 (dermal)	Not available

Skin Corrosion / Irritation

Prolonged and repeat exposure may cause allergic reaction in certain sensitive individuals

Serious Eye Damage / Irritation

Possible irritant to the eye

STOT (Specific Target Organ Toxicity) - Single Exposure

Not available

Aspiration Hazard

Not available

STOT (Specific Target Organ Toxicity) - Repeated Exposure

Respiratory and/or Skin Sensitization

Not available



Carcinogenicity

Chemical Name	IARC	ACGIH®	OSHA
Trisodium Citrate	Not listed	Not listed	Not listed
Citric Acid	Not listed	Not listed	Not listed
Disodium EDTA	Not listed	Not listed	Not listed
Potassium Benzoate	Not listed	Not listed	Not listed
Zinc chloride	Not listed	Not listed	Not listed
Xanthan	Not listed	Not listed	Not listed
Glycerol	Not listed	Not listed	Not listed

Notes

Reproductive Toxicity

Development of Offspring	Not available
Sexual Function and Fertility	Not available
Effects on or via Lactation	Not available
Germ Cell Mutagenicity	Not available
Interactive Effects	Not available

SECTION 12. ECOLOGICAL INFORMATION *(section heading must appear; all content is optional)*

This section is not required by WHIMIS 2015.

SECTION 13. DISPOSAL CONSIDERATIONS *(section heading must appear; all content is optional)*

Disposal Methods

Dispose of in accordance with all applicable federal, state and local laws.

SECTION 14. TRANSPORT INFORMATION *(section heading must appear; all content is optional)*

Not regulated under Canadian TDG regulations. Not regulated under US DOT regulations.

SECTION 15. REGULATORY INFORMATION *(section heading must appear; all content is optional)*

This section is not required by WHIMIS 2015.

SECTION 16. OTHER INFORMATION

Prepared by	Dechra Veterinary Products
Date of Preparation	May 2019
Date of Latest Revision 1.0	Not applicable