



ENVIRO FRESH
 949 ALNESS ST.
 NORTH YORK, ON. M3J 2J1
 CANADA
 1-888-845-6367

PRODUCT: CHEW PREVENTION

SECTION 01: IDENTIFICATION

Supplier identifier..... Enviro Fresh
 949 Alness St.
 North York, ON. M3J 2J1
 416-661-6367
 Product identifier..... CHEW PREVENTION
 Emergency telephone number..... CANUTEC 24-hour number (613-996-6666).
 Product use..... Animal training.

SECTION 02: HAZARD IDENTIFICATION

Hazard classification..... No need for classification according to GHS criteria for this product.
 Signal word..... None.
 Hazard statement..... No known significant effects or critical hazards.
 Precautionary statements..... None.
 Other hazards..... None.
 Supplemental Information..... Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food and drink.

SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
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Denatonium benzoate	3734-33-6	0.04
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The remainder of the mixture is not required to be disclosed by Hazardous Products Regulations (SOR/2015-17)

SECTION 04: FIRST-AID MEASURES

Routes of exposure
 Inhalation..... No specific treatment is necessary since this material is not likely to be hazardous by inhalation.
 Ingestion..... Rinse mouth and then drink plenty of water. Do not induce vomiting. If symptoms persist, obtain medical attention.
 Skin contact..... Rinse skin thoroughly with plenty of water.
 Eye contact..... Wash affected eyes for at least 15 minutes under running water with eyelids held open. If irritation persists, contact a physician.
 Medical attention and special treatment.... No special measures required. Significant symptoms are not expected. No hazards in the normal conditions of use.
 Most important symptoms and effects, both acute and delayed The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

SECTION 05: FIRE-FIGHTING MEASURES

Extinguishing media..... Product will not burn or support fire. Use any media suitable for extinguishing supporting fire. Do not use water jet as an extinguisher, as this will spread the fire.
 Hazardous combustion products..... The substances/groups of substances mentioned can be released in case of fire.: Carbon monoxide, carbon dioxide, hydrocarbons. Nitrogen oxides (NOx).
 Special protective equipment and precautions Firefighters should be equipped with self-contained breathing apparatus and turn-out gear. Move containers from fire area if this can be done without risk. Cool closed containers exposed to fire with water spray.
 Sensitivity to static discharge..... Product is not sensitive to static discharge.
 Sensitivity to mechanical impact..... Product is not sensitive to mechanical impact.
 Further information

SECTION 06: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures Use personal protective clothing. Ensure adequate ventilation. Keep unnecessary and unprotected personnel from entering.
 Environmental precautions..... Stop leak and contain spill.
 Methods and materials for containment and cleaning up Pick up wipe and place into an appropriate container for disposal . Dispose of absorbed material in accordance with regulations.

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SECTION 07: HANDLING AND STORAGE

Handling precautions..... Keep container closed when not in use. No special measures necessary provided product is used correctly.
 Storage needs..... Keep in a dry, cool and well-ventilated place. Protect from sunlight.
 Materials to avoid..... Keep away from strong acids. Keep away from strong bases. Keep away from oxidizing agents.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
Denatonium benzoate	not available	not available	not available	not available	not available	not available
Engineering controls.....	No special ventilation requirements.					
Individual protection measures						
Eye/type.....	None required under normal conditions of use.					
Gloves/type.....	None required under normal conditions of use.					
Respiratory/type.....	None necessary under normal conditions of use.					
Hygiene measures.....	Handle in accordance with good industrial hygiene and safety practice. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities.					

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Appearance..... liquid.
 Color..... clear.
 Odour..... fresh.
 Odour threshold..... not available.
 pH..... 6.5-7.5.
 Melting point (°C)..... not applicable.
 Freezing point (°C)..... 0.
 Initial boiling point (°C)..... 100.
 Flash point (°C), Method..... >100°C, closed cup.
 Evaporation rate..... not available.
 Upper flammability limit (% vol)..... not available.
 Lower flammability limit (% vol)..... not available.
 Vapour pressure (mm Hg)..... 17.5.
 Vapour density (air=1)..... not available.
 Relative density/Specific Gravity..... 1.0.
 Water solubility..... soluble.
 Solubility in other solvents..... not available.
 Partition coefficient — n-octanol/water..... not available.
 Auto ignition temperature (°C)..... not available.
 Thermal decomposition temperature..... not available.
 Viscosity..... thin liquid.

SECTION 10: STABILITY AND REACTIVITY

Reactivity..... No hazardous reactions if stored and handled as prescribed/indicated.
 Chemical stability..... The product is stable if stored and handled as prescribed/indicated.
 Possibility of hazardous reactions..... No hazardous reactions when stored and handled according to instructions. The product is chemically stable.
 Conditions to avoid..... Keep away from incompatibles such as oxidizing agents.
 Incompatible materials..... Acids and bases. Strong oxidizing agents.
 Hazardous decomposition products..... Decomposition will not occur if handled and stored properly. In case of fire, oxides of carbon (CO and CO₂), fumes and smoke may be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Denatonium benzoate	not available	584 mg/kg (oral-rat)
Routes of exposure		
Inhalation.....	None expected under normal use.	
Ingestion.....	May cause irritation of the stomach.	
Skin contact		
Eye contact.....	May cause redness and slight irritation of the eyes.	
Acute effects		

PRODUCT: CHEW PREVENTION**SECTION 11: TOXICOLOGICAL INFORMATION**

Acute oral toxicity.....	Acute toxicity estimate > 2,000 mg/kg. Method: calculation method. Virtually nontoxic after a single ingestion.
Acute dermal toxicity.....	LD50 (Rabbit) : > 2,000 mg/kg. Method: calculation method. Virtually nontoxic after a single skin contact.
Acute inhalation toxicity.....	Acute toxicity estimate : > 20 mg/l. Exposure time: 4 h. Virtually nontoxic by inhalation. Method: calculation method.
Skin corrosion/irritation.....	Result: non-irritant.
Serious eye damage/eye irritation.....	Result: non-irritant.
Respiratory or skin sensitisation.....	Non-sensitizing.
Specific target organ toxicity (STOT) single exposure	Based on the available information there is no specific target organ toxicity to be expected after a single exposure.
Aspiration hazard.....	No aspiration hazard expected.
Chronic toxicity/effects	
Specific target organ toxicity (STOT) repeated exposure	No known significant effects or critical hazards.
Carcinogenicity.....	No carcinogenic substances as defined by IARC, NTP, OSHA and/or ACGIH.
Reproductive toxicity.....	No known significant effects or critical hazards.
Germ Cell Mutagenicity.....	No known significant effects or critical hazards.
Remarks.....	The product has not been tested. The statement has been derived from the properties of the individual components.
Symptoms of Exposure.....	The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11. Further important symptoms and effects are so far not known.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity.....	There is a high probability that the product is not acutely harmful to aquatic organisms.
Persistence and degradability.....	Moderately persistent in the environment.
Bioaccumulative potential.....	No data available.
Mobility in soil.....	No data available.
Other adverse effects.....	No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal methods	
Waste disposal of substance.....	Dispose of in accordance with applicable local regulations.
Container disposal	Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

SECTION 14: TRANSPORT INFORMATION

TDG classification.....	Not regulated as a dangerous good.
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SECTION 15: REGULATORY INFORMATION

WHMIS regulatory status.....	This product has been classified in accordance with the hazard criteria of the Canadian Hazardous Products Regulations and the Safety Data Sheet contains all the information required by the Hazardous Products Regulations (WHMIS 2015). Not WHMIS 2015 controlled.
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SECTION 16: OTHER INFORMATION

Disclaimer.....	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.
Prepared by:	CanChem Consultant
Preparation date.....	NOV 16/2018