

SAFETY DATA SHEET

Leventa[®]

Section 1: Identification of the Substance and Supplier

Product name	Leventa
Recommended use	For treatment of hypothyroidism in dogs
Company details	Schering-Plough Animal Health Limited 33 Whakatiki Street, Upper Hutt 5018, New Zealand Phone: 0800 800 543 Fax: 0800 808 100 Website: www.msd-animal-health.co.nz Hours: 8 am – 5 pm, Mon – Fri
Emergency telephone	0800 764 766 (0800 POISON) 24 hours human health 0800 243 622 (0800 CHEMCALL) 24 hours
Date of preparation	April 2019

Section 2: Hazards Identification

Hazard classifications	3.1D: Flammable liquid 6.4A: Eye irritant 6.9A: Target organ systemic toxicant
GHS Pictogram:	
Signal word	Warning
Hazard statement	H227 Combustible liquid. H320: Causes eye irritation. H372: Causes damage to the nervous, cardiovascular, liver, blood and haematopoietic systems through prolonged or repeated oral exposure.
Prevention statement	P102: Keep out of the reach of children. P103: Read label before use. P210: Keep away from heat/sparks/open flames/hot surfaces. P260: Do not breathe mist. P264: Wash thoroughly after handling. P270: Do not eat, drink or smoke when using this product. P280: Wear protective gloves, protective clothing and eye or face protection.
Response statement	P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P314: Get medical advice/attention if you feel unwell. P337 + P313: If eye irritation persists: Get medical advice/attention. P370 + P378: In case of fire: Use Carbon dioxide (CO ₂), extinguishing powder or water spray.
Storage	P403 + P235 Store in a well-ventilated place. Keep cool.
Disposal	P501: Dispose of product, packaging and waste at an approved landfill or other approved facility.

Section 3: Composition/Information on Ingredients

Chemical name	CAS number	Concentration
Levothyroxine sodium	6106-07-6	0.1%
Ethanol (96%)	64-17-5	15%

Section 4: First Aid Measures**Necessary first aid measures**

SKIN CONTACT While wearing protective gloves, carefully remove any contaminated clothing, including shoes, and wash skin thoroughly with soap and water. If irritation or symptoms occur or persist, consult a doctor.

EYE CONTACT Immediately rinse eyes thoroughly with plenty of water. If wearing contact lenses, remove only after initial rinse, and continue rinsing eyes for at least 15 minutes. If irritation occurs or persists, consult a doctor.

INGESTION Rinse mouth and drink a glass of water. Do not induce vomiting unless under the direction of a qualified medical professional or National Poisons Centre. If symptoms persist, consult a doctor.

INHALATION Remove to fresh air and provide oxygen if necessary. If any trouble breathing, get immediate medical attention. Administer artificial respiration if breathing has ceased. If irritation or symptoms occur or persist, consult a doctor.

Required instructions

For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor.

Workplace facilities

Emergency showers and eyewashes may be warranted depending on quantity and type of use.

Section 5: Fire Fighting Measures**Type of hazard**

Combustible (Contains ethanol).

Fire hazard properties

Burning can produce carbon monoxide and/or carbon dioxide.

Regulatory requirements

Two fire extinguishers are required where quantities greater than 500 L are present.

Extinguishing media and methods

For large fires use all-purpose-type foams. For small fires use carbon dioxide (CO₂), extinguishing powder or water spray.

Hazchem code

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Recommended protective clothing

Wear full protective clothing and self-contained breathing apparatus (SCBA).

Section 6: Accidental Release Measures

Personal Precautions	Avoid contact with skin, eyes and clothing. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
Environmental Precautions	Prevent spilled material from flowing onto adjacent land or into streams, ponds, or lakes. Avoid release to the environment.
Emergency procedures	Wear chemical resistant gloves and overalls, facemask or goggles. Prevent further spillage. Adsorb spilled product with non-combustible absorbent material and place in sealable container for disposal. Wash down affected area with water plus detergent. Absorb and collect washings and place in the same sealable container for disposal. Seek advice from the local authority regarding disposal.

Section 7: Handling and Storage

Precautions for safe handling	Avoid contact with skin, eyes, and mucosa. Keep containers adequately sealed during material transfer, transport, or when not in use. See Section 8 (Exposure Controls) for additional guidance.
Regulatory requirements	Signage required where quantities greater than 10,000 L are present. Emergency Plan required where quantities greater than 10,000 L are present.
Handling practices	Avoid contact with skin. Keep containers adequately sealed during material transfer, transport, or when not in use.
Certified handlers	Not required
Conditions for safe storage	Store in original container. Keep container sealed when not in use. This product contains high concentrations of Levothyroxine sodium and may present a risk to humans if ingested. If storing in a domestic fridge, keep separate from food. Keep out of reach of children.
Store site requirements	Store between 2°C and 8°C.Refrigerate. DO NOT FREEZE.
Packaging	Schedule 4

Section 8: Exposure Control/Personal Protection

Occupational exposure limits	No WES is set for this substance at this time.
Application in the workplace	Ensure adequate ventilation. Keep container sealed when not in use.
Exposure standards outside the workplace	No TEL or EEL is set for this substance at this time.
Personal protection	Wear chemical resistant gloves, facemask or goggles.
Engineering controls	The health hazard risks of handling this material are dependent on many factors, including physical form, duration and frequency of process or task, and effectiveness of engineering controls. Site-specific risk assessments should be conducted to determine the feasibility and the appropriateness of all exposure control measures. Exposure controls for normal operating or routine procedures follow a tiered strategy. Engineering controls are the preferred means of long-term or permanent exposure control. If engineering controls are not feasible, appropriate use of personal protective equipment (PPE) may be considered as alternative control measures. Exposure controls for non-routine operations must be evaluated and addressed as part of the site-specific risk assessment.

Section 9: Physical and Chemical Properties

Appearance	Clear, colourless to slightly reddish solution
Boiling Point	Not determined
Melting/Softening point	Not applicable
Vapour Pressure	Not determined
Specific Gravity	1.05
Solubility (H ₂ O)	Soluble
Percent Volatiles	Not determined
Flash Point	>40°C
Evaporation Rate	Not determined

Section 10: Stability and Reactivity

Stability of the substance	Stable under normal conditions.
Conditions to avoid	Open flames and extremes of temperature.
Material to avoid	Avoid food products.
Hazardous decomposition products	No dangerous decomposition is expected if used according to manufacturer's specifications.

Section 11: Toxicological Information**Acute effects for individual ingredients only**

ORAL	LD50 >16.5 mg/kg (rat);
TEL	No TEL is set for this substance at this time.

Chronic/long term effects for individual ingredients only

Levothyroxine sodium: Adverse effects of thyroid hormones are generally associated with excessive dosage and correspond to the symptoms of hyperthyroidism (palpitations, tachycardia, cardiac arrhythmias, insomnia, sweating, and/or intolerance to heat). All reactions usually disappear on reduction or temporary withdrawal of treatments.

Levothyroxine sodium: NOAEL 1.4 mg/kg/bw

Section 12: Environmental Information**Effects for individual ingredients only**

EEL	No EEL is set for this substance at this time.
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Section 13: Disposal Considerations

Disposal information	Disposal Dispose of unused contents in a suitable landfill. Where possible, dispose of unused product through AgRecovery Chemicals. Avoid contamination of any water source or the environment with product or empty container. Container Disposal Dispose of empty container by puncturing and burying in a suitable landfill. Where possible, recycle through AgRecovery. Do NOT burn.
Reference	Current version of NZS 8409 Management of Agrichemicals

Section 14: Transport Information

Relevant information	Not classified as a dangerous good for transport.
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Section 15: Regulatory Information

Regulatory status	HSNO Approval Code: HSR100426. For a full listing of controls see www.epa.govt.nz ACVM Registration No: A10426 For conditions of registration see www.foodsafety.govt.nz
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RESTRICTED VETERINARY MEDICINE**Section 16: Other Information**

Additional information	Leventa is a registered trademark.
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