

SAFETY DATA SHEET

Finadyne[®] Transdermal

Section 1: Identification of the Substance and Supplier

Product name	Finadyne Transdermal
Recommended use	For the treatment of pain, fever and acute inflammatory conditions in cattle.
Company details	Schering-Plough Animal Health Ltd 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	6.1E: Acute toxicant 6.3B: Skin irritant 8.3A: Corrosive to eye tissue 9.1D: Aquatic ecotoxicant 9.3C: Vertebrate ecotoxicant
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GHS Pictogram:



Signal word	Danger
Hazard statement	H303: May be harmful if swallowed. H316: Causes mild skin irritation. H318: Causes serious eye damage. H413: May cause long-term harmful effects to the aquatic environment. H433: Harmful to terrestrial vertebrates.
Prevention statement	P102: Keep out of reach of children. P103: Read label before use. P273: Avoid release to the environment. P280: Wear protective gloves, eye protection and face protection.
Response statement	P101: If medical advice is needed, have product container or label at hand. 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 or doctor/physician. P332 + P313: If skin irritation occurs: Get medical advice/ attention.
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
Flunixin meglumine	42461-84-7	8.3%
Pyrrolidone	616-45-5	15%
Levomenthol	2216-51-5	5 – 19%

Finadyne[®] Transdermal**Section 4: First Aid Measures**

Necessary first aid measures	<p>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.</p> <p>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.</p> <p>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.</p>
Required instructions	For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor.
Notes for medical personnel	Probable mucosal damage may contraindicate use of gastric lavage. Flunixin meglumine is a potent Non-Steroidal Anti-Inflammatory Drug (NSAID), and overexposure may cause gastrointestinal irritation and bleeding, kidney and central nervous system effects.
Workplace facilities	Emergency showers and eyewashes may be warranted depending on quantity and type of use.

Section 5: Fire Fighting Measures

Type of hazard	Not classified as flammable
Fire hazard properties	Not applicable
Regulatory requirements	Not applicable
Extinguishing media and methods	Carbon dioxide (CO ₂), extinguishing powder or water spray
Hazchem code	3Z (contain spillage)
Recommended protective clothing	Wear self-contained breathing apparatus (SCBA) plus protective gloves.

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/collect spilled product 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. Avoid contamination of any water source with product or empty container.

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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 1000 L are present. Emergency Plan required where quantities greater than 10,000 L are present.
Handling practices	Avoid contact with skin and eyes. 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 in a cool, dry, ventilated place away from direct heat or direct sunlight. Keep container sealed when not in use. Keep out of reach of children.
Store site requirements	Store in the original bottle and carton at room temperature.
Packaging	PG III

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 is set for this substance at this time No 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 red liquid with amine-line odour
Boiling Point	Not determined
Melting/Softening point	Not determined
Vapour Pressure	Not determined
Specific Gravity	0.99
Solubility (H ₂ O)	Not applicable

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Percent Volatiles	Not determined
Evaporation Rate	Not determined

Section 10: Stability and Reactivity

Stability of the substance	Stable under normal conditions.
Conditions to avoid	Avoid open flames and high temperatures
Material to avoid	Avoid food products, strong acids and bases. Oxidizers
Hazardous decomposition products	Nitrogen oxides (NOx). Hydrogen fluoride (HF)

Section 11: Toxicological Information

Acute effects for individual ingredients only

ORAL	Flunixin Meglumine LD50 53 – 157 mg/kg (rat), 176 to 249 mg/kg (male mouse, female estimate) Pyrrolidone LD50 328 mg/kg (rat) Levomethol LD50 3300 mg/kg (rat)
TEL	No TEL is set for this substance at this time.

Chronic/long term effects for individual ingredients only

Section 12: Environmental Information

Effects for individual ingredients only.

Aquatic	Pyrrolidone Water flea: LC50 48 hr: 13.21 mg/L Not bioaccumulative and rapidly degradable. Algal: EC50 96 hr 84mg/L Levomethol Flathead minnow: LC50 96 hr: 18.9 mg/L Not bioaccumulative and not rapidly degradable.
Terrestrial vertebrates	Pyrrolidone Red wing black bird: LD 50 98 mg/kg
EEL	No EEL is set for this substance at this time.

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.
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Section 14: Transport Information

Relevant information Not classified as a dangerous good for transport

Section 15: Regulatory Information

Regulatory status HSNO Approval Code

- 100 mL and 250mL - HSR100757
- 1000 L - HSR100759

For a full listing of controls see www.epa.govt.nz

ACVM registration number: A11281
For conditions of registration see www.foodsafety.govt.nz

RESTRICTED VETERINARY MEDICINE

Section 16: Other Information

Additional information Finadyne is a registered trademark.

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