



## SAFETY DATA SHEET

According to  
HSNO Hazardous Substances (Safety Data Sheets) Notice 2017

### Section 1. Identification of the material and the supplier

Product: **KetoMax 15%**  
 Product Use: For use in cattle for the anti-inflammatory, analgesic and anti-pyretic treatment of acute mastitis, mammary oedema, musculoskeletal conditions, respiratory conditions and colic.

Restriction of Use: Refer to Section 15

New Zealand Supplier: **Agrihealth NZ Ltd**  
 Address: Level 2, 89 Grafton Road,  
 Auckland 1010

Telephone: +64 9 215 1199  
**Emergency No: 0800 764 766 (National Poisons Centre)**

Date of SDS Preparation: 12 June 2024

### Section 2. Hazards Identification

This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020.

**EPA Approval No: Veterinary Medicines (Limited Pack Size, Finished Dose) Group Standard – HSR100757**

**Pictograms:**



Signal Word: **Warning**

GHS Category	Hazard Code	Hazard Statement
Acute oral toxicity Cat. 4	H302	Harmful if swallowed
Acute inhalation toxicity Cat. 4	H332	Harmful if inhaled
Skin irritation Cat. 2	H315	Causes skin irritation
Eye irritation Cat. 2	H319	Causes serious eye irritation
Hazardous to terrestrial vertebrates	H433	Hazardous to terrestrial vertebrates

Prevention Code	Prevention Statement
P102	Keep out of reach of children
P103	Read carefully and follow all instructions
P261	Avoid breathing mist, vapours or spray
P264	Wash hands thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P271	Use only outdoors or in a well-ventilated area
P273	Avoid release to the environment
P280	Wear protective clothing [as detailed in SDS Section 8]

Response Code	Response Statement
P101	If medical advice is needed, have product container or label at hand
P312	Call a POISON CENTER or doctor/physician if you feel unwell
P330	Rinse mouth
P301 + P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
P302 + P352	IF ON SKIN: Wash with plenty of water
P304 + P340	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P332 + P313	If skin irritation occurs: Get medical advice/ attention
P337 + P313	If eye irritation persists: Get medical advice/attention
P362+P364	Take off contaminated clothing and wash before reuse

Storage Code	Storage Statement
None allocated	-

Disposal Code	Disposal Statement
P501	Dispose of according to Local Regulations or Authorities

### Section 3. Composition / Information on Hazardous Ingredients

Ingredients	Wt%	CAS NUMBER.
Ketoprofen	15%	22071-15-4
Benzyl Alcohol	1%	100-51-6
Non-hazardous ingredients	Bal to 100%	Proprietary

### Section 4. First Aid Measures

#### Accidental self-injection:

Care should be taken to avoid accidental self-injection. If injection occurs, seek medical attention immediately.

Routes of Exposure:

If in Eyes                      Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.

If on Skin                        Take off contaminated clothing and wash before reuse. Wash skin with plenty of soap and water. If skin irritation occurs: get medical advice/attention.

If Swallowed Wash out mouth thoroughly with water. Never give anything to the mouth of an unconscious person. Call the National Poisons Centre 0800 764 766 or a doctor/physician if unwell.

If Inhaled Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

### Most important symptoms and effects, both acute and delayed

Symptoms:

**Ingestion:** Harmful if swallowed  
**Inhalation:** Harmful if inhaled  
**Skin:** Causes skin irritation  
**Eye:** Causes serious eye irritation

**Notes to Doctor:** Treat exposed patients symptomatically

## Section 5. Fire Fighting Measures

<b>Hazard Type</b>	Non-Flammable
<b>Hazards from products</b>	This material is assumed to be combustible. When heated to decomposition no toxic fumes are emitted.
<b>Suitable Extinguishing media</b>	Water spray, dry powder, carbon dioxide, or foam
<b>Precautions for firefighters and special protective clothing</b>	Wear full protective clothing and self-contained breathing apparatus (SCBA).
<b>HAZCHEM CODE</b>	<b>None Allocated</b>

## Section 6. Accidental Release Measures

Wear protective gear as detailed in Section 8. Evacuate all unnecessary personnel. Restrict access to contaminated area.

Prevent further spillage, and prevent spilled material from flowing onto adjacent land or into Waterways.

Retrieve intact containers from site. Place damaged containers into containment devices. Clean the contaminated area with new sponges soaked in water. Place the spillage including sponges into sealable containers for disposal. Avoid contamination of water courses or sewers. Dispose of waste safely as per Section 13.

## Section 7. Handling and Storage

### Precautions for Handling:

- Read carefully and follow all instructions
- Avoid breathing mist, vapours or spray
- Wash hands thoroughly after handling
- Do not eat, drink or smoke when using this product
- Use only outdoors or in a well-ventilated area
- Avoid release to the environment
- Wear protective clothing [as detailed in SDS Section 8]
- Prevent contact with skin, eyes and self-injection

### Precautions for Storage:

- Store away from incompatible materials listed in Section 10
- Store at below 25°C
- Store in the original container away from direct heat or direct sunlight

- Keep out of reach of children
- Store away from foodstuffs

## Section 8 Exposure Controls / Personal Protection

### WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA		STEL	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>

No ingredients have exposure limits

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices APR 2022 13TH EDITION.

### Engineering Controls

Prevent exposure by using engineering controls, personal protective equipment and work practices that prevent contact with skin and eyes and prevent self-injection.

### Personal Protection Equipment



<b>Eyes</b>	Wear protective goggles when handling in bulk
<b>Hands</b>	Wear protective gloves
<b>Skin</b>	Not required
<b>Respiratory</b>	Not required
<b>General</b>	Do not eat, drink or smoke when using this product. Wash hands with soap and water before breaks and after work. Keep away from foodstuffs and beverages

## Section 9 Physical and Chemical Properties

<b>Appearance</b>	Liquid
<b>Colour</b>	Clear
<b>Odour</b>	Not available
<b>Odour Threshold</b>	Not available
<b>pH</b>	5.5 – 7.0
<b>Boiling Point</b>	Not available
<b>Melting Point</b>	Not available
<b>Freezing Point</b>	Not available
<b>Flash Point</b>	Not available
<b>Flammability</b>	Not flammable
<b>Upper and Lower Explosive Limits</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Vapour Density</b>	Not available
<b>Density</b>	1.04 – 1.08 g/L
<b>Solubility</b>	Water: Insoluble Methylene chloride: Freely soluble Ethanol: Freely soluble
<b>Partition Coefficient:</b>	Not available

<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Kinematic Viscosity</b>	Not available
<b>Particle Characteristics</b>	Not available

### Section 10. Stability and Reactivity

<b>Stability of Substance</b>	This product is stable under normal conditions and storage
<b>Possibility of hazardous reactions</b>	No data available
<b>Conditions to Avoid</b>	Avoid heat and light
<b>Incompatible Materials</b>	None known
<b>Hazardous Decomposition Products</b>	No data available

### Section 11 Toxicological Information

#### Acute Effects:

<b>Swallowed</b>	Harmful if swallowed
<b>Dermal</b>	Not applicable
<b>Inhalation</b>	Harmful if inhaled
<b>Eye</b>	Causes serious eye irritation
<b>Skin</b>	Causes skin irritation

#### Chronic Effects:

<b>Carcinogenicity</b>	Not applicable
<b>Reproductive Toxicity</b>	Not applicable
<b>Germ Cell Mutagenicity</b>	Not applicable
<b>Aspiration</b>	Not applicable
<b>STOT/SE</b>	Not applicable
<b>STOT/RE</b>	Not applicable

#### Keroprofen:

##### Acute toxicity:

Rat oral LD50 62.4 mg/kg

Mouse oral LD50 360 mg/kg

Guinea Pig oral LD50 1300 mg/kg

### Section 12. Ecotoxicological Information

Hazardous to terrestrial vertebrates

<b>Product:</b>	
<b>Persistence and degradability</b>	No data available
<b>Bioaccumulation</b>	No data available
<b>Mobility in Soil</b>	No data available
<b>Other adverse effects</b>	No data available

#### Keroprofen:

**Toxicity:** Rat oral LD50 62.4 mg/kg

**Section 13. Disposal Considerations****Disposal Method:**

Preferably dispose of the product by use. Otherwise dispose of product and packaging at an approved landfill or other approved facility.

**Precautions or methods to avoid:** Avoid contamination of any water supply with product or empty container.

**Section 14 Transport Information**

**This product is NOT classified as a Dangerous Good for transport in NZ; NZS 5433:2020**

**Section 15 Regulatory Information**

This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval No: Veterinary Medicines (Limited Pack Size, Finished Dose) Group Standard – **HSR100757**

HSW (HS) Regulations 2017	Trigger Quantity
Certified Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	10,000L
Emergency Response Plan	10,000L
Secondary Containment	10,000L
Restriction of Use	Only use for the intended purpose. An SDS must be provided whenever 1L of KetoMax 15% is sold or supplied.

**ACVM Act and Regulations**

See <a href="http://www.foodsafety.govt.nz">www.foodsafety.govt.nz</a> for registration Conditions	<b>A11031</b>
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**Section 16 Other Information****Glossary**

Cat	Category
EC <sub>50</sub>	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC <sub>50</sub>	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD <sub>50</sub>	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

**References:**

Product Name: KetoMax 15%

SDS Prepared by: Technical Compliance Consultants (NZ) Ltd

Date of SDS: 12 June 2024

Tel: 64 9 475 5240

[www.techcomp.co.nz](http://www.techcomp.co.nz)

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices April 2022 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2020
5. HSW (Hazardous Substances) Regulations 2017

#### Disclaimer

This document has been prepared by TCC (NZ) Ltd and serves as the suppliers Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to TCC (NZ) Ltd or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While TCC (NZ) have taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, TCC (NZ) Ltd accept no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS

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Please contact the New Zealand distributor, if further information is required.

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