



Date of preparation:
21 January 2016

SAFETY DATA SHEET

KetoMax 15%

Section 1: Identification of the Substance and Supplier

Product Name:	KetoMax 15%
ACVM Registration Number:	A11031
Pack sizes:	100mL, 250mL
Recommended 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.
Company Details:	AgriHealth NZ Ltd Unit 1.2, 89 Grafton Road, Grafton, Auckland 1010, New Zealand Phone: +64 9 215 1199 Fax: +64 9 984 9455 Website: www.agrihealth.co.nz
Emergency Telephone:	National Poisons Centre: 0800 764 766 (0800 POISON) Fire Service, Ambulance: Dial 111

Section 2: Hazards Identification

Classified as a hazardous substance according to the criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.

KetoMax 15% is approved pursuant to the HSNO Act 1996, **HSR100757**. The EPA website www.epa.govt.nz should be consulted for the full list of triggered controls and cited regulations.

Hazard Classifications:	6.1D Acute toxin
	6.3A Skin irritant
	6.4A Eye irritant
	9.3C Terrestrial vertebrate ecotoxin

Signal word:	WARNING
Hazard statements:	Harmful if swallowed Causes skin and eye irritation Harmful to terrestrial vertebrates
Precautionary statements:	Wear protective gloves Wash hands and exposed skin thoroughly after handling Do not eat, drink or smoke when using this product Take off contaminated clothing and wash before reuse If medical advice is needed, have product container or label at hand IF SWALLOWED: Call the National Poisons Centre 0800 764 766 or a doctor/physician if you feel unwell. Rinse mouth. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: get medical advice/attention IF ON SKIN: Wash with plenty of soap and water If skin irritation or rash occurs: Get medical advice/attention Avoid release to the environment

Section 3: Composition / Information on Ingredients

Product Components:

Name	CAS Number	Concentration
Ketoprofen	22071-15-4	15%
Benzyl alcohol	100-51-6	1%
Non-hazardous components	N/A	84%

N/A = not applicable or not available

Section 4: First Aid Measures

First Aid Measures:	For advice contact the National Poisons Centre on 0800 POISON (0800 764 766) or a doctor, immediately. <u>General:</u> Ketoprofen may induce irritation. <u>Accidental self-injection:</u> Care should be taken to avoid accidental self-injection. If injection occurs, seek medical attention immediately.
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Skin Contact: If skin contact occurs remove contaminated clothing and wash skin with soap and water. If skin irritation, rash or symptoms occur or persist, consult a doctor.

Eyes: If eye contact occurs, rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: get medical advice/attention.

Ingestion: If swallowed and you feel unwell, seek medical attention. Rinse mouth.

Workplace Facilities: No special facilities are required.

Required Instructions: Wear protective gloves. Wash contaminated clothing before reuse.

Notes for Medical Personnel: Treat exposed patients symptomatically.

Section 5: Fire Fighting Measures

Type of hazard: Non-flammable

Fire Hazard Properties: This material is assumed to be combustible. When heated to decomposition no toxic fumes are emitted.

Extinguishing Media and Methods: Water spray, dry powder, carbon dioxide, or foam

Hazchem Code: 2Z

Recommended Protective Clothing: Wear full protective clothing and self-contained breathing apparatus (SCBA)

Section 6: Accidental Release Measures

Emergency Procedures: Wear suitable protective clothing including eye protection. 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.

Section 7: Handling and Storage

Precautions for Safe Handling: Wear protective gloves
Avoid contact with skin and eyes. Care should be taken to avoid self-injection.

Regulatory Requirements:	An emergency response plan is required when stored in quantities of 1000L or greater. Secondary containment is required when stored in quantities of 1000L or greater. Signage is required for this substance when stored in quantities of 10,000L or greater.
Handling Practices:	Avoid skin contact. Wash hands and exposed skin before meals and after use. Do not eat, drink or smoke while using. Wash contaminated clothing before reuse.
Approved Handlers:	Not required
Conditions for Safe Storage:	Store below 25°C. Store in the original container, away from direct heat or direct sunlight. Keep out of reach of children.
Packaging:	Store in original container, away from foodstuffs.

Section 8: Exposure Control / Personal Protection

Workplace Exposure Standards:	None set
Application in the Workplace:	Prevent exposure by using engineering controls, personal protective equipment and work practices that prevent contact with skin and eyes, and prevent self-injection.
Exposure Standards outside the Workplace:	None set
Personal Protection:	Wear protective gloves. 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

Product Properties:	Appearance:	Clear liquid
	Density:	1.04 – 1.08 g/L
	pH:	5.5 – 7.0
Information concerning the active ingredient:	Solubility in water:	Insoluble
	Solubility in methylene chloride:	Freely soluble
	Solubility in ethanol:	Freely soluble

Section 10: Stability and Reactivity

Stability of the Substance:	Stable under normal conditions of use and storage
Conditions to Avoid:	Avoid heat and light
Material to Avoid:	None known
Hazardous Decomposition Properties:	Does not occur
Hazardous Polymerisation:	Does not occur

Section 11: Toxicological Information

HSNO Classification: 6.1D, 6.3A, 6.4A

No data is available for the formulated product. The following information relates to ketoprofen.

Acute toxicity:

Rat oral LD ₅₀	62.4 mg/kg
Mouse oral LD ₅₀	360 mg/kg
Guinea Pig oral LD ₅₀	1300 mg/kg

Skin irritation: Irritating to the skin

Eye irritation: Irritating to the eye

Sensitisation: Sensitisation is possible through skin contact

Section 12: Environmental Information

HSNO Classification: 9.3C

No data is available for the formulated product. The following information relates to ketoprofen.

Toxicity: Rat oral LD50 62.4 mg/kg

No other ecotoxicity information available.

Section 13: Disposal Considerations

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

facility. Avoid contamination of any water supply with product or empty container.

Section 14: Transport Information

Land Transport	Not classified as dangerous goods for transport under NZ Standard 5433:2007 Transport of Dangerous Goods on Land.
Air Transport	Not classified as dangerous goods for transport under International Civil Aviation Organisation and International Air Transport Association regulations
Sea Transport	Not classified as dangerous goods for transport under International Maritime Organisation regulations
UN Number	N/A
Proper Shipping Name	N/A
DG Class	N/A
Subsidiary Risk	N/A
Packing Group	N/A
HAZCHEM Code	N/A
Marine Pollutant	No

The maximum quantity of this substance allowed for carriage on public service vehicles is 1L.

Section 15: Regulatory Information

Regulatory Status: Registered pursuant to the ACVM Act 1997, No A11031
See www.foodsafety.govt.nz for registration conditions

HSNO and ACVM Controls: Refer to section 2

List Exposure Limits: None set

An SDS must be provided whenever **1L** of KetoMax 15% is sold or supplied.

An emergency response plan is required when stored in quantities of **1000L** or greater.

Secondary containment is required when stored in quantities of **1000L** or greater.

Signage is required for this substance when stored in quantities of **10,000L** or greater.

Section 16: Other Information

Additional Information: For product information see the AgriHealth website:
www.agrihealth.co.nz

Date of preparation: 21 January 2016

Due for revision within 5 years.

The SDS summarises, at the date of issue, AgriHealth's best knowledge of the health and safety hazard information. Although reasonable care has been taken in the preparation of this document, AgriHealth NZ Ltd extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequence of its use. AgriHealth NZ Ltd urges the recipient of this SDS to study it carefully to become aware of, and understand, the hazards associated with the product as well as determine the suitability of the information for the intended purpose.