

Safety Data Sheet

according to WHS Regulations

Printing date 05.03.2021

Revision: 05.03.2021

1 Identification

Product Name: CATTLEMAX PLUS INJECTION FOR CATTLE

Other Means of Identification: Mixture

APVMA Number: 90406

Recommended Use of the Chemical and Restriction on Use: Parasiticide

Details of Manufacturer or Importer:

Nutrien Ag Solutions Limited
Level 5, Building A, 26 Talavera Road,
Macquarie Park, NSW 2113

Phone Number: 02 9889 5400

Emergency telephone number: 1800 44 88 92

2 Hazard(s) Identification

Hazardous Nature:

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)



Skull and crossbones

Acute Toxicity (Oral) 2 H300 Fatal if swallowed.

Aquatic Acute 3 H402 Harmful to aquatic life.

Signal Word Danger

Hazard Statements

H300 Fatal if swallowed.

H402 Harmful to aquatic life.

Precautionary Statements

P264 Wash thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P273 Avoid release to the environment.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P321 Specific treatment (see on this label).

P330 Rinse mouth.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national regulations.

3 Composition and Information on Ingredients

Chemical Characterization: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Hazardous Components:

CAS: 70288-86-7	Ivermectin	1%
	Acute Toxicity (Oral) 1, H300; Acute Toxicity (Dermal) 3, H311; Toxic To Reproduction 2, H361; STOT RE 2, H373; Aquatic Acute 1, H400	

Non Hazardous Components:

CAS: 60200-06-8	Clorsulon	10%
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4 First Aid Measures

Inhalation: If inhaled, remove to fresh air. Seek medical attention if breathing problems develop.

Skin Contact:

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms persist.

Eye Contact:

In case of eye contact, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention if symptoms persist.

Ingestion:

If swallowed, do not induce vomiting. Water to rinse and as much as can comfortably drink. Do not give anything by mouth to an unconscious person. Seek immediate medical attention.

Symptoms Caused by Exposure:

Inhalation: Prolonged exposure may cause respiratory discomfort, distress, drowsiness and dizziness.

Skin Contact: Repeated exposure may cause skin cracking, flaking, drying and inflammation.

Eye Contact: May cause inflammation, redness, conjunctivitis and transient visual impairment.

Ingestion: Fatal if swallowed. May cause drowsiness, depressed motor activity and breathing, pupils dilation, tremors, vomiting and incoordination.

Medical Attention and Special Treatment: Treat symptomatically.

5 Fire Fighting Measures

Suitable Extinguishing Media:

Use alcohol-resistant foam, dry chemical powder, carbon dioxide or BCF (where regulations permit). Fight larger fires with water spray or fog.

Specific Hazards Arising from the Chemical:

Hazardous combustion products include carbon dioxide, carbon monoxide, acrid smoke, and other pyrolysis products.

This product is not flammable, but may burn or decompose in a fire.

Containers close to fire should be removed if safe to do so. Use water spray to cool fire exposed containers.

Minimise firefighting run off from entering drains or water courses.

Special Protective Equipment and Precautions for Fire Fighters:

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

6 Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear protective equipment. Keep unprotected persons away.

Environmental Precautions:

In the event of a major spill, prevent spillage from entering drains or water courses.

Methods and Materials for Containment and Cleaning Up:

Clean up all spills immediately. Wipe up small spills and place into a suitable, labelled container for waste disposal. In the event of a large spill, stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal.

Wash off contaminated area and prevent runoff into drains.

7 Handling and Storage

Precautions for Safe Handling:

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Use only outdoors or in a well-ventilated area.

Food, beverages and tobacco products should not be stored or consumed where this material is in use. Avoid

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physical damage to containers. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

Conditions for Safe Storage:

Store in a cool, dry and well ventilated area out of direct sunlight. Keep in original container tightly closed when not in use. Store away from strong acids, acid chlorides, acid anhydrides, oxidising and reducing agents. Store below 30°C.

8 Exposure Controls and Personal Protection

Exposure Standards: At this time exposure limits have not been established.

Engineering Controls: Ensure adequate ventilation of the working area.

Respiratory Protection:

Use an approved vapour respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.

Skin Protection:

Use impervious PVC gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

Eye and Face Protection:

Safety glasses with side shields or chemical goggles for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

9 Physical and Chemical Properties

Appearance:

Form:	Liquid
Colour:	No information available
Odour:	No information available
Odour Threshold:	No information available
pH-Value:	No information available
Melting point/freezing point:	No information available
Initial Boiling Point/Boiling Range:	No information available
Flash Point:	No information available
Flammability:	No information available
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	No information available
Upper:	No information available
Vapour Pressure:	No information available
Density:	No information available
Relative Density:	1.1-1.2 (Water = 1)
Vapour Density:	No information available
Evaporation Rate:	No information available
Solubility in Water:	No information available
Partition Coefficient (n-octanol/water):	No information available

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Viscosity: No information available**Solvent separation test:** No information available**VOC:** No information available

10 Stability and Reactivity

Possibility of Hazardous Reactions: Hazardous polymerisation will not occur.**Chemical Stability:** Stable at ambient temperature and under normal conditions of storage and use.**Conditions to Avoid:** Temperatures above 30°C and direct sunlight.**Incompatible Materials:** Strong acids, acid chlorides, acid anhydrides, oxidising and reducing agents.**Hazardous Decomposition Products:**

Hazardous combustion products include carbon dioxide, carbon monoxide, acrid smoke, and other pyrolysis products.

11 Toxicological Information

Toxicity:**LD50/LC50 Values Relevant for Classification:****CAS: 70288-86-7 Ivermectin**

Oral	LD50	25 mg/kg (mouse)
		50 mg/kg (rat)
Dermal	LD50	406 mg/kg (rabbit)

Acute Health Effects**Inhalation:** Prolonged exposure may cause respiratory discomfort, distress, drowsiness and dizziness.**Skin:** Repeated exposure may cause skin cracking, flaking, drying and inflammation.**Eye:** May cause inflammation, redness, conjunctivitis and transient visual impairment.**Ingestion:**

Fatal if swallowed. May cause drowsiness, depressed motor activity and breathing, pupils dilation, tremors, vomiting and incoordination.

Skin Corrosion / Irritation: Based on classification principles, the classification criteria are not met.**Serious Eye Damage / Irritation:** Based on classification principles, the classification criteria are not met.**Respiratory or Skin Sensitisation:** Based on classification principles, the classification criteria are not met.**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.**Carcinogenicity:** This product does NOT contain any IARC listed chemicals.**Reproductive Toxicity:** Based on classification principles, the classification criteria are not met.**Specific Target Organ Toxicity (STOT) - Single Exposure:**

Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:

Based on classification principles, the classification criteria are not met.

Aspiration Hazard: Based on classification principles, the classification criteria are not met.**Chronic Health Effects:** No data associated with long term health effects.**Existing Conditions Aggravated by Exposure:** No data available.**Additional toxicological information:**

The Australian Acceptable Daily Intake (ADI) for Ivermectin for a human is 0.01 mg/kg/day, set for the public for daily, lifetime exposure. This is based on the NOAEL of 0.5 mg/kg/day, the level determined to show no

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effects during long term exposure for the most sensitive indicators and the most sensitive species.
(Ref: Australian Pesticides and Veterinary Medicines Authority, 'Acceptable Daily Intakes for Agricultural and Veterinary Chemicals', 2020).

12 Ecological Information

Ecotoxicity:**Aquatic toxicity:**

Harmful to aquatic life.

CAS: 70288-86-7 Ivermectin

LC50/96 h	0.0048 ppm (bluegill)
	0.003 ppm (rainbow trout)
LC50/48 h	0.000025 ppm (daphnia)

Persistence and Degradability: Clorsulon - High persistence in air, water and soil.**Bioaccumulative Potential:** Clorsulon - Low bioaccumulation (LogKOW = 0.0747)**Mobility in Soil:** Clorsulon - Low soil mobility (KOC = 567.3)**Other adverse effects:** No further relevant information available.

13 Disposal Considerations

Disposal Methods and Containers:

Dispose according to applicable local and state government regulations. Must not be disposed together with household garbage. Do not allow product to reach sewage system. Containers may still present as a chemical hazard/danger when empty. Return to supplier for reuse or recycling if possible.

Special Precautions for Landfill or Incineration:

Please consult your state Land Waste Management Authority for more information.

14 Transport Information

UN Number Not regulated**Proper Shipping Name** Not regulated**Dangerous Goods Class** Not regulated**Packing Group:** Not regulated

15 Regulatory Information

Australian Inventory of Industrial Chemicals:

All ingredients are listed except one which are trade secret.

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Poison Schedule:

Poisons Schedule: 5

Australia: Priority Existing Chemicals

None of the ingredients is listed.

16 Other Information

Date of Preparation or Last Revision: 05.03.2021**Prepared by:** MSDS.COM.AU Pty Ltd

www.msds.com.au

Abbreviations and acronyms:

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Acute Toxicity (Oral) 1: Acute toxicity - oral – Category 1

Acute Toxicity (Oral) 2: Acute toxicity - oral – Category 2

Acute Toxicity (Dermal) 3: Acute toxicity - dermal – Category 3

Toxic To Reproduction 2: Reproductive toxicity – Category 2

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Aquatic Acute 1: Hazardous to the aquatic environment, short-term (Acute). Category 1

Aquatic Acute 3: Hazardous to the aquatic environment, short-term (Acute). Category 3

Disclaimer

This SDS is prepared in accord with the Safe Work Australia document “Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - July 2020”

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