

Safety Data Sheet

according to WHS Regulations

Printing date 24.05.2021

Revision: 24.05.2021

1 Identification

Product Name: Nutriject Injection for Cattle

Other Means of Identification: Mixture

Recommended Use of the Chemical and Restriction on Use:

Use according to the manufacturer's directions

Details of Manufacturer or Importer:

Nutrien Ag Solutions Limited
Level 5, Building A
26 Talavera Road
Macquarie Park, NSW 2113
(02) 9889 5400

Emergency telephone number: 1800 033 111

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)



Acute Toxicity (Oral) 4	H302 Harmful if swallowed.
Skin Corrosion/Irritation 2	H315 Causes skin irritation.
Serious Eye Damage/Irritation 2A	H319 Causes serious eye irritation.
Skin Sensitisation 1	H317 May cause an allergic skin reaction.
Aquatic Acute 3	H402 Harmful to aquatic life.
Aquatic Chronic 3	H412 Harmful to aquatic life with long lasting effects.

Signal Word Warning

Hazard Statements

H302 Harmful if swallowed.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 Wash thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves / eye protection / face protection.
P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P330 Rinse mouth.
P302+P352 IF ON SKIN: Wash with plenty of water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P362+P364 Take off contaminated clothing and wash it before reuse.

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P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P321	Specific treatment (see on this label).
P337+P313	If eye irritation persists: Get medical advice/attention.
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: 39208-15-6	EDTA copper disodium salt ⚠ Skin Corrosion/Irritation 2, H315; Serious Eye Damage/Irritation 2, H319; STOT SE 3, H335	1 - 10%
CAS: 10102-18-8	Sodium selenite ⚠ Acute Toxicity (Oral) 2, H300; Acute Toxicity (Inhalation) 3, H331; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Skin Sensitisation 1, H317	< 2%

4 First Aid Measures

Inhalation:

If inhaled, remove to fresh air and keep comfortable at rest. 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 occur. Accidental injection may lead to an inflammatory response, seek medical attention in the event of self injection.

Eye Contact:

In case of eye contact, hold eyelids open and rinse with water for at least 15 minutes. Removal of contact lenses should only occur by a trained professional. Seek immediate medical attention.

Ingestion:

If swallowed, do not induce vomiting. Immediately rinse mouth with water. Give a glass of water. Never give anything by mouth to an unconscious person. Seek immediate medical attention and provide a copy of the SDS.

Symptoms Caused by Exposure:

Inhalation: Prolonged exposure to vapours, fumes or aerosols may cause respiratory discomfort and distress.

Skin Contact: Causes skin irritation, redness and inflammation. May cause an allergic skin reaction.

Eye Contact: Causes serious eye irritation, redness, lachrymation and transient vision impairment.

Ingestion: Harmful if swallowed.

Medical Attention and Special Treatment: Treat symptomatically.

5 Fire Fighting Measures

Suitable Extinguishing Media:

Use fire extinguishing methods suitable to surrounding conditions. Use alcohol-resistant foam, dry chemical powder or carbon dioxide.

Specific Hazards Arising from the Chemical:

Hazardous combustion products include toxic fumes of carbon monoxide, carbon dioxide, acrid smoke, nitrogen oxides, metal oxides, poisonous fumes, corrosive fumes and other pyrolysis products typical of burning organic material.

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.

Prevent firefighting run off from entering drains and water courses.

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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 approved chemical resistant gloves, protective clothing and safety boots. Evacuate all non-essential personnel from affected area. Do not breathe vapours and ensure adequate ventilation.

Environmental Precautions:

In the event of a major spill, prevent spillage from entering drains or water courses. Inform the relevant authorities in the event of environmental contamination.

Methods and Materials for Containment and Cleaning Up:

Small Spills: Clean all spills immediately. Wipe up and place in a labelled container for disposal.

Large Spills: Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material. Collect recoverable product and place into labelled containers for recycling. Collect the spilled material and place into a suitable labelled container for disposal. Decontaminate spill area with water, preventing run off into drains or water courses.

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. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

Conditions for Safe Storage:

Store in a cool, dry and well ventilated area. Keep in the original container, tightly closed when not in use. Store upright away from physical damage and regularly check for leaks. Store in appropriately labelled polyethylene or polypropylene containers. Keep away from foodstuffs.

8 Exposure Controls and Personal Protection**Exposure Standards:****CAS: 7439-96-5 Manganese**WES TWA: 1* 1** mg/m³
as Mn; *dust and compounds; **fume**CAS: 7782-49-2 Selenium**WES TWA: 0.1 mg/m³
as Se**Engineering Controls:**

Provide local exhaust ventilation or other engineering controls to keep the airborne concentrations below occupational exposure standards.

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 barrier cream and PVC, butyl, neoprene or vitron protective gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting gloves for use against certain chemicals, the degradation

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resistance, permeation rate and permeation breakthrough time should be considered.

Handle with occupational protective clothing, overalls, safety footwear, PVC apron and skin cleansing cream (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:

Wear 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:	Not applicable
Flammability:	Product is not flammable
Auto-ignition Temperature:	Not applicable
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	Not applicable
Upper:	Not applicable
Vapour Pressure:	No information available
Density:	No information available
Relative Density:	No information available
Vapour Density:	No information available
Evaporation Rate:	No information available
Solubility in Water:	Miscible in water
Partition Coefficient (n-octanol/water):	No information available
Viscosity:	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: None known.

Incompatible Materials: Foodstuffs.

Hazardous Decomposition Products:

Toxic fumes of carbon monoxide, carbon dioxide, acrid smoke, nitrogen oxides, metal oxides, poisonous fumes, corrosive fumes and other pyrolysis products typical of burning organic material.

11 Toxicological Information

Toxicity:**Acute Health Effects**

Inhalation: Prolonged exposure to vapours, fumes or aerosols may cause respiratory discomfort and distress.

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Skin: Causes skin irritation, redness and inflammation. May cause an allergic skin reaction.**Eye:** Causes serious eye irritation, redness, lachrymation and transient vision impairment.**Ingestion:** Harmful if swallowed.**Skin Corrosion / Irritation:** Causes skin irritation.**Serious Eye Damage / Irritation:** Causes serious eye irritation.**Respiratory or Skin Sensitisation:** May cause an allergic skin reaction.**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:** Prolonged skin contact may cause a sensitisation reaction in susceptible individuals.**Existing Conditions Aggravated by Exposure:** No data available.

12 Ecological Information

Ecotoxicity:**Aquatic toxicity:**

Harmful to aquatic life with long lasting effects.

CAS: 10102-18-8 Sodium selenite

LC50/96 h 0.97 - 2.4 mg/l (fish)

EC50/48 h 0.47 mg/l (crustacea)

EC50/96 h 0.032 mg/l (algae)

Persistence and Degradability: A part of the components are readily persistent in water, soil and air.**Bioaccumulative Potential:** Sodium selenite contains a low bioaccumulative potential (BCF = 85).**Mobility in Soil:** A part of the components contain low mobility in soil.**Other adverse effects:** No further relevant information available.

13 Disposal Considerations

Disposal Methods and Containers: Dispose according to applicable local and state government regulations.**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.

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15 Regulatory Information

Australian Inventory of Industrial Chemicals:

This chemical is not found in AICS.

CAS: 39208-15-6 | EDTA copper disodium salt

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

Poisons Schedule: 6

16 Other Information

Date of Preparation or Last Revision: 24.05.2021**Prepared by:** MSDS.COM.AU Pty Ltdwww.msds.com.au**Abbreviations and acronyms:**

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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

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) 2: Acute toxicity - oral – Category 2

Acute Toxicity (Oral) 4: Acute toxicity - oral – Category 4

Acute Toxicity (Inhalation) 3: Acute toxicity - inhalation – Category 3

Skin Corrosion/Irritation 2: Skin corrosion/irritation – Category 2

Serious Eye Damage/Irritation 2: Serious eye damage/eye irritation – Category 2

Serious Eye Damage/Irritation 2A: Serious eye damage/eye irritation – Category 2A

Skin Sensitisation 1: Skin sensitisation, Hazard Category 1

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

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

Aquatic Chronic 1: Hazardous to the aquatic environment, long-term (Chronic). Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment, long-term (Chronic). 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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