



Safety Data Sheet

according to WHS Regulations

Date of issue: 30.04.2025

Revision date: 24.04.2025

1 Identification

Product Name: TITAN Leftin 770 Spray Adjuvant**Other Means of Identification:** Mixture**Recommended Use of the Chemical and Restriction on Use:** Adjuvant for Herbicides**Details of Manufacturer or Importer:**

Titan Ag Pty Ltd
Princes Street Marina
Suite 15/16 Princes Street
Newport NSW 2106

Phone Number: 02 9999 6655**Emergency telephone number:** 02 9999 6655

2 Hazard(s) Identification

Hazardous Nature:

Not 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)

The product is not classified, according to the Globally Harmonised System (GHS).

Signal Word None**Hazard Statements** None

3 Composition and Information on Ingredients

Chemical Characterization: Mixtures**Description:** Mixture of substances listed below with nonhazardous additions.**Hazardous Components:** None**Non Hazardous Components:**

CAS: 112-62-9	Methyl 9-octadecenoate	10-30%
CAS: 7783-20-2	Ammonium sulfate	10-30%
	Non-ionic surfactants and non hazardous diluents including water	To 100%

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 occur.

Eye Contact: Flush eyes with large amounts of water for 15 minutes. Get medical attention.**Ingestion:**

Wash mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention.

Symptoms Caused by Exposure: Treat symptomatically

5 Fire Fighting Measures

Suitable Extinguishing Media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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Specific Hazards Arising from the Chemical:

Hazardous combustion products include: Carbon monoxide, carbon dioxide.

Special Protective Equipment and Precautions for Fire Fighters:

Fire fighters should wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.

6 Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Slippery when spilt, clean up immediately. Wear protective equipment to prevent skin and eye damage.

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:

Prevent run off into drains and waterways. Contain spills with absorbent material such as sand or soil. Collect and seal in properly labelled containers for disposal. Dispose of in accordance with all Local, State and Federal regulations at an approved waste disposal site. For small spills, wash with plenty of water.

7 Handling and Storage

Precautions for Safe Handling: Avoid skin and eye contact. Wash hands after using product.**Conditions for Safe Storage:**Store in the closed original container in a cool, well-ventilated area.
C2 Combustible liquid.

8 Exposure Controls and Personal Protection

Exposure Standards:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Engineering Controls: Ensure adequate ventilation to keep exposure levels to a minimum.**Eye and Face Protection:**

Wear safety glasses or goggles, impermeable gloves (PVC or neoprene) and overalls.

9 Physical and Chemical Properties

Appearance:

Form:	Liquid
Colour:	Viscous amber coloured
Odour:	Characteristic
Odour Threshold:	No information available
pH-Value:	No information available
Melting point/freezing point:	<0 °C
Initial Boiling Point/Boiling Range:	>100 °C
Flash Point:	>150 °C
Flammability	Not applicable
Auto-ignition Temperature:	No information available
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	No information available
Upper:	No information available
Vapour Pressure:	No information available
Density at 20 °C:	1.5 g/cm ³
Relative Density:	Not determined.
Vapour Density:	No information available

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Evaporation Rate: No information available
Solubility in Water: Emulsifiable
Partition Coefficient (n-octanol/water): No information available
Organic solvents:
Physical state Liquid

10 Stability and Reactivity

Possibility of Hazardous Reactions: No hazardous reactions with proper storage and handling.**Chemical Stability:** Stable under normal conditions of use.**Conditions to Avoid:** No further relevant information available.**Incompatible Materials:** Strong oxidizing agents**Hazardous Decomposition Products:** Ammonia, oxides of nitrogen and carbon.

11 Toxicological Information

Toxicity:**LD50/LC50 Values:****CAS: 7783-20-2 Ammonium sulfate**

Oral	LD50	>3,000 mg/kg (Rattus norvegicus (rat))
	LD50	>5,000 mg/kg (Rattus norvegicus (rat))

Acute Health Effects**Inhalation:** No adverse health effects expected.**Skin:** Not expected to be a hazard.**Eye:** No adverse health effects expected.**Ingestion:** No adverse health effects expected.**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:** Based on classification principles, the classification criteria are not met.**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:** Not expected to be a hazard.**Existing Conditions Aggravated by Exposure:** No data available.

12 Ecological Information

Ecotoxicity: Harmful to aquatic organisms.**Aquatic toxicity:**

No adverse ecological effects are expected. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and Degradability: No data available on finished product.

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Bioaccumulative Potential: No data available on finished product.**Mobility in Soil:** Product is emulsifiable and disperses in water.**Other adverse effects:** No further relevant information available.

13 Disposal Considerations

Disposal Methods and Containers:

In accordance with local authority regulations, take to special waste incineration plant. If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

Special Precautions for Landfill or Incineration: Avoid contaminating waterways

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:

CAS: 112-62-9 Methyl 9-octadecenoate

CAS: 7783-20-2 Ammonium sulfate

16 Other Information

Date of Preparation or Last Revision: 24.04.2025**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)

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)

Disclaimer

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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 - June 2023".