

# Safety Data Sheet

according to WHS & OHS Regulations

Print date: 09.12.2025

Revision date: 08.12.2025

## 1 Identification

**Product Name:** Titan Tank Cleaner

**Other Means of Identification:** Mixture

**Recommended Use of the Chemical and Restriction on Use:**

For removal of residues from spraying equipment

**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 Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

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



GHS08 Health hazard

Specific target organ toxicity (repeated exposure) – Category 1

H372 Causes damage to organs through prolonged or repeated exposure.



GHS05 Corrosion

Skin corrosion/irritation – Category 1A

H314 Causes severe skin burns and eye damage.

Eye damage/irritation – Category 1

H318 Causes serious eye damage.



GHS07

Acute toxicity - oral – Category 4

H302 Harmful if swallowed.

**Signal Word** Danger

**Hazard Statements**

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H372 Causes damage to organs through prolonged or repeated exposure.

**Precautionary Statements**

P260 Do not breathe dusts or mists.

P264 Wash thoroughly after handling.

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

P280 Wear eye protection / face protection.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

(Contd. on page 2)

# Safety Data Sheet

## according to WHS & OHS Regulations

Print date: 09.12.2025

Revision date: 08.12.2025

**Product Name: Titan Tank Cleaner**

(Contd. of page 1)

- P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304+P340 IF INHALED: Remove victim 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.
- P310 Immediately call a POISON CENTER/doctor.
- P321 Specific treatment (see on this label).
- P314 Get medical advice/attention if you feel unwell.
- P363 Wash contaminated clothing before reuse.
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

### 3 Composition and Information on Ingredients

**Chemical Characterization: Mixtures****Description:** Mixture of substances listed below with nonhazardous additions.**Hazardous Components:**

CAS: 9004-82-4	Polyoxyethylene lauryl ether sodium sulfate ⚠ Acute toxicity - oral – Category 4, H302; Skin corrosion/irritation – Category 2, H315; Eye damage/irritation – Category 2A, H319	10-20%
CAS: 111-42-2	Diethanolamine ⚠ Specific target organ toxicity (repeated exposure) – Category 2, H373; ⚠ Eye damage/irritation – Category 1, H318; ⚠ Acute toxicity - oral – Category 4, H302; Skin corrosion/irritation – Category 2, H315; Specific target organ toxicity (single exposure) – Category 3, H335	5-15%
CAS: 112-34-5	Diethylene glycol monobutyl ether ⚠ Eye damage/irritation – Category 2A, H319	5-15%
CAS: 68439-51-0	Alcohols, C12-14, ethoxylated propoxylated ⚠ Specific target organ toxicity (repeated exposure) – Category 1, H372; ⚠ Eye damage/irritation – Category 1, H318; ⚠ Acute toxicity - oral – Category 4, H302; Acute toxicity - dermal – Category 4, H312; Skin corrosion/irritation – Category 2, H315	5-15%
CAS: 84133-50-6	Alcohols, C12-C14-secondary, ethoxylated ⚠ Eye damage/irritation – Category 1, H318; ⚠ Acute toxicity - oral – Category 4, H302; Skin corrosion/irritation – Category 2, H315	5-15%
CAS: 64-02-8	Tetrasodium EDTA ⚠ Eye damage/irritation – Category 1, H318; ⚠ Acute toxicity - oral – Category 4, H302; Specific target organ toxicity (single exposure) – Category 3, H335	<1.0%

### 4 First Aid Measures

**Inhalation:**

If inhaled, remove to fresh air and keep comfortable for breathing. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. 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:**

In case of eye contact, rinse with water for several minutes. Remove contact lenses, if present and easy to do. Seek medical attention if irritation persists.

(Contd. on page 3)

# Safety Data Sheet

according to WHS & OHS Regulations

Print date: 09.12.2025

Revision date: 08.12.2025

**Product Name: Titan Tank Cleaner**

(Contd. of page 2)

**Ingestion:**

If swallowed, do not induce vomiting. Immediately rinse mouth with water. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

**Symptoms Caused by Exposure:**

Inhalation: May cause respiratory irritation.

Skin Contact: Causes severe skin burns.

Eye Contact: Causes serious eye damage.

Ingestion: May cause gastrointestinal irritation, nausea, diarrhoea and vomiting.

## 5 Fire Fighting Measures

**Suitable Extinguishing Media:** Use water fog, oxygen, dry sand, soil or carbon dioxide.

**Specific Hazards Arising from the Chemical:**

Hazardous combustion products produce toxic and corrosive fumes.

Product is not flammable.

Containers close to fire should be removed only if safe to do so. Use water spray to cool fire exposed containers. Containers may explode when heated.

Prevent run-off from fire fighting 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 approved respiratory protection, chemical resistant gloves, protective clothing and safety boots.

Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation.

Extinguish all sources of ignition. Avoid sparks and open flames. No smoking.

**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:**

Contain spill with absorbents. Prevent migration and entry into sewers or streams. Take up liquid spill into absorbent material. Wash spill site.

## 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.

Take precautionary measures against static discharge. 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 container tightly closed when not in use. Protect from heat, sparks, open flames and other sources of ignition. Keep away from combustible materials.

## 8 Exposure Controls and Personal Protection

**Exposure Standards:**

**CAS: 111-42-2 Diethanolamine**

WES | TWA: 13 mg/m<sup>3</sup>, 3 ppm

**Engineering Controls:** Ensure adequate ventilation of the working area.

(Contd. on page 4)

# Safety Data Sheet

according to WHS & OHS Regulations

Print date: 09.12.2025

Revision date: 08.12.2025

**Product Name: Titan Tank Cleaner**

(Contd. of page 3)

**Respiratory Protection:**

Wear an approved respirator if ventilation is insufficient. See Australian Standards AS/NZS 1715 and 1716 for more information.

**Skin Protection:**

Wear chemical resistant gloves and suitable protective clothing apron. See Australian Standards AS/NZS 2161, 2210.1 and 2210.2 for more information.

**Eye and Face Protection:**

Safety glasses with top and side shields or goggles. See Australian/New Zealand Standards AS/NZS 1336 and 1337 for more information.

## 9 Physical and Chemical Properties

**Appearance:**

<b>Form:</b>	Liquid
<b>Colour:</b>	Yellow
<b>Odour:</b>	No information available
<b>Odour Threshold:</b>	No information available
<b>pH-Value:</b>	11-13
<b>Melting point/freezing point:</b>	No information available
<b>Initial Boiling Point/Boiling Range:</b>	No information available
<b>Flash Point:</b>	>100 °C
<b>Flammability</b>	Not applicable
<b>Auto-ignition Temperature:</b>	No information available
<b>Decomposition Temperature:</b>	No information available
<b>Explosion Limits:</b>	
<b>Lower:</b>	No information available
<b>Upper:</b>	No information available
<b>Vapour Pressure:</b>	No information available
<b>Relative Density:</b>	Not determined.
<b>Vapour Density:</b>	No information available
<b>Evaporation Rate:</b>	No information available
<b>Solubility in Water:</b>	Soluble
<b>Partition Coefficient (n-octanol/water):</b>	No information available

## 10 Stability and Reactivity

**Possibility of Hazardous Reactions:** No dangerous reactions known under conditions of normal use.

**Chemical Stability:** Stable at ambient temperature and under normal conditions of storage and use.

**Conditions to Avoid:** No further relevant information available.

**Incompatible Materials:** Combustible materials.

**Hazardous Decomposition Products:** Toxic fumes may be released. Corrosive fumes.

## 11 Toxicological Information

**Toxicity:****LD50/LC50 Values:****CAS: 9004-82-4 Polyoxyethylene lauryl ether sodium sulfate**

Oral	LD50	1,600 mg/kg (Rattus norvegicus (rat))
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**CAS: 111-42-2 Diethanolamine**

Oral	LD50	1,600 mg/kg (Rattus norvegicus (rat))
	LD50	12,200 mg/kg (Oryctolagus cuniculus (rabbit))

(Contd. on page 5)

# Safety Data Sheet

according to WHS & OHS Regulations

Print date: 09.12.2025

Revision date: 08.12.2025

**Product Name: Titan Tank Cleaner**

(Contd. of page 4)

<b>CAS: 112-34-5 Diethylene glycol monobutyl ether</b>		
Oral	LD50	5,660 mg/kg (Rattus norvegicus (rat))
	LD50	4,000 mg/kg (Oryctolagus cuniculus (rabbit))
<b>CAS: 84133-50-6 Alcohols, C12-C14-secondary, ethoxylated</b>		
Oral	LD50	>412 mg/kg (Rattus norvegicus (rat))
Inhalation	LC50/4 h	1.06 mg/l (Rattus norvegicus (rat))

**Acute Health Effects****Inhalation:** May cause respiratory irritation.**Skin:** Causes severe skin burns.**Eye:** Causes serious eye damage.**Ingestion:**

Harmful if swallowed.

May cause gastrointestinal irritation, nausea, diarrhoea and vomiting.

**Skin Corrosion / Irritation:** Causes severe skin burns.**Serious Eye Damage / Irritation:** Causes serious eye damage.**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:**

Causes damage to organs through prolonged or repeated exposure.

**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.

## 12 Ecological Information

**Ecotoxicity:****Aquatic toxicity:**

No further relevant information available.

<b>CAS: 111-42-2 Diethanolamine</b>	
EC50/48 h	55 mg/l (Daphnia magna (water flea))
LC50/96 h	100 mg/l (Pimephales promelas (fathead minnow))
<b>CAS: 112-34-5 Diethylene glycol monobutyl ether</b>	
EC50	>100 mg/l (Algae)
EC50/48 h	>100 mg/l (Daphnia magna (water flea))
LC50/96 h	1,300 mg/l (Lepomis macrochirus (bluegill))
LC50	>100 mg/l (Leuciscus idus (orfe; ide))
<b>CAS: 84133-50-6 Alcohols, C12-C14-secondary, ethoxylated</b>	
EC50/48 h	7.3 mg/l (Daphnia magna (water flea))
LC50/96 h	3.2-3.6 mg/l (Pimephales promelas (fathead minnow))

**Persistence and Degradability:** No data available on finished product.

(Contd. on page 6)

# Safety Data Sheet

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Print date: 09.12.2025

Revision date: 08.12.2025

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(Contd. of page 5)

**Bioaccumulative Potential:** No data available on finished product.**Mobility in Soil:** No data available on finished product.**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

### 15 Regulatory Information

**Australian Inventory of Industrial Chemicals:**

All ingredients are listed.

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

Poisons Schedule: 5

### 16 Other Information

**Date of Preparation or Last Revision:** 08.12.2025**Prepared by:** MSDS.COM.AU Pty Ltd[www.msds.com.au](http://www.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)

Acute toxicity - oral - Category 4: Acute toxicity - Category 4

Skin corrosion/irritation - Category 1A: Skin corrosion/irritation - Category 1A

Skin corrosion/irritation - Category 2: Skin corrosion/irritation - Category 2

Eye damage/irritation - Category 1: Serious eye damage/eye irritation - Category 1

Eye damage/irritation - Category 2A: Serious eye damage/eye irritation - Category 2A

Specific target organ toxicity (single exposure) - Category 3: Specific target organ toxicity (single exposure) - Category 3

Specific target organ toxicity (repeated exposure) - Category 1: Specific target organ toxicity (repeated exposure) - Category 1

Specific target organ toxicity (repeated exposure) - Category 2: Specific target organ toxicity (repeated exposure) - Category 2

**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 - June 2023".

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