

**KEEP OUT OF REACH OF CHILDREN  
READ SAFETY DIRECTIONS BEFORE OPENING OR USING**

**TITAN**

# TANK CLEANER



TITAN Tank Cleaner is a balanced liquid formulation containing sequestrants, surfactants and detergents and was developed to handle a wide range of difficult-to-remove agricultural chemicals.

TITAN Tank Cleaner is specially formulated to remove deposits and other debris, including oily substances from tanks, hoses, booms, transfer & mixing systems, filters, screens and nozzles.

APVMA Approval No.: Exempt

Pack Size: 1L; 5L



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**IN A TRANSPORT EMERGENCY  
• DIAL 000 • POLICE OR FIRE BRIGADE**

TRANSPORT AND HANDLING NOT  
A DANGEROUS GOOD ACCORDING  
TO THE AUSTRALIAN DANGEROUS  
GOODS (ADG) CODE FOR TRANSPORT  
BY ROAD AND RAIL

## DIRECTIONS FOR USE

TITAN Tank Cleaner is used to clean and decontaminate spray equipment. This is particularly important when switching from one herbicide to another or from a herbicide to a fungicide, fertiliser or insecticide and at the end-of-season sprayer cleanout.

USE RATE	
Removal of residues and decontamination of spray equipment	Use 250mL per 100L of water

## DECONTAMINATION PROCEDURE

This procedure must be followed for all equipment used in the spraying process, including venturi style hoppers, pre-mix tanks, transfer systems, suction hoses, filters, tanks, tank lids, strainer baskets, booms, spray lines, nozzles, etc.

1. Immediately after spraying, drain all equipment. Any product contamination on the outer surfaces should be removed by washing with a solution of TITAN Tank Cleaner and water at the label rate.
2. Rinse or pressure clean the inside of all equipment with at least 1/10 of tank capacity of clean water. Visible residues should be removed from tank, then boom, lines and nozzles flushed. Drain all equipment completely and follow RINSATE DISPOSAL instructions.
- 3A. **Tanks without internal sprinklers:** Half fill the tank with clean water and add TITAN Tank Cleaner at the label rate for the total tank volume (eg. for a 2000 litre tank, add 5 litres of TITAN Tank Cleaner). Start agitation and flush all equipment for a few seconds, with boom-end valves open and/or bungs removed. Close boom-end valves and/or replace bungs, then stop flow to boom and completely fill tank with water. Allow to stand for at least 15 minutes with the boom closed and agitation running, then flush all of the solution out of the spray tank via the boom, lines and nozzles and follow RINSATE DISPOSAL instructions.
- 3B. **Large tanks with internal sprinklers or washing nozzles that clean all internal surfaces:** It is not necessary to completely fill the tank. Determine the "flush volume" (the amount of water required to spray through the nozzles for 30 minutes); this should not be less than 2000 litres. Fill tank with half the flush volume of clean water and add TITAN Tank Cleaner at the label rate for the full flush volume. Start agitation and flush all equipment for a few seconds, with boom-end valves open and/or bungs removed. Close boom-end valves and/or replace bungs, then stop flow to boom and add the other half of the flush volume of clean water to the tank. Run the agitation and internal sprinklers/tank nozzles for at least 15 minutes, then flush all of the solution out of the spray tank via the boom, lines and nozzles and follow RINSATE DISPOSAL instructions.

**NOTE:** If the tank cleaning history is unknown or may have been compromised, or extra "sticky" product combinations have been used (eg. carfentrazone-ethyl/glyphosate, glyphosate, etc.), longer soaking is required with TITAN Tank Cleaner solution at the label rate to increase product residue removal. After standing for at least 15 minutes with the boom closed and agitation<sup>†</sup> running, all internal surfaces of the spray system including lines, filters, nozzles, etc. should then remain in contact with TITAN Tank Cleaner solution for at least 24 hours but no longer than 48 hours. Agitation<sup>†</sup> should be resumed for at least another 15 minutes before the system is flushed completely.

<sup>†</sup> Including internal sprinklers/tank cleaning nozzles where relevant.

**NOTE:** All hoses should be inspected at least annually for both external and internal damage and cracking. The internal surfaces of old or perished hoses will hold significant levels of pesticide residue and hence such hoses should be replaced immediately.

TITAN Tank Cleaner & Water Volumes	
Water Volume	TITAN Tank Cleaner Volume
500L	1.25L
1,000L	2.5L
2,000L	5L
3,000L	7.5L
4,000L	10L

4. Nozzles, non-drip diaphragms, screens and filters should be cleaned separately with a fresh solution of TITAN Tank Cleaner and water at the rate of 25mL in 10L.
5. After following the TITAN Tank Cleaner cleaning process above, the tanks should be rinsed with clean water and the boom, lines and nozzles flushed. The tank should be drained completely. Follow the RINSATE DISPOSAL instructions.

6. A susceptible plant should be treated with a sample of the final rinsate to determine whether residues remain.

## STORAGE AND DISPOSAL

Keep away from food, drink and animal feedstuffs. Keep out of reach of children. Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Store locked up. DO NOT allow product to freeze.

## RINSATE DISPOSAL

Rinsate should be disposed of by spraying onto a crop approved for the product(s) being removed from the spray tank or via an alternative approved method.

## PRECAUTIONS FOR OPERATOR PROTECTION

Irritating to eyes and skin. Wear suitable gloves and eye/face protection. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

## SAFETY DATA SHEET

Additional information is listed in the safety data sheet (SDS). A safety data sheet for TITAN Tank Cleaner is available from TITAN AG Pty Ltd on request. Call Customer Service on (02) 9999 6655 or visit titanag.com.au

**CONDITIONS OF SALE:** TITAN AG Pty Ltd shall not be liable for any loss injury damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence or otherwise in connection with the sale supply use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on TITAN AG's skill or judgment in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of TITAN AG Pty Ltd has any authority to add to or alter these conditions.

Additional statements required by Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia: Harmful if swallowed. Causes severe skin burns and eye damage. May cause respiratory irritation. **Precautionary Statements:** Avoid breathing spray. Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/face protection/protective clothing/respiratory protection/protective footwear. **IF SWALLOWED:** rinse mouth. Do NOT induce vomiting. **IF ON SKIN (or hair):** Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. **IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE or doctor/physician. Wash contaminated clothing before reuse. Dispose of contents and/or containers in accordance with regulations on hazardous waste or packaging and packaging waste respectively.

