# Safety Data Sheet
**according to WHS Regulations**

Printing date 06.07.2018 Revision: 06.07.2018

## 1 Identification

**Product Name: TITAN LS-10, TITAN LS-10 PLUS, WAGNER EASY CLEAN, WAGNER ALL GUARD, PUMP SAVER**

**Other Means of Identification:** Mixture

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

**Details of Manufacturer or Importer:**
Wagner Spraytech Australia Pty Ltd
14-6 Kevlar Close,
BraeSide Victoria 3195

**Phone Number:** 1800 924 637

**Emergency telephone number:** National Poison Information Centre: 13 11 26

## 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** Void

**Hazard Statements** Void

## 3 Composition and Information on Ingredients

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

| **Hazardous Components:** | | |
|---|---|---|
| CAS: 57-55-6 | Propylene glycol | 95% |

## 4 First Aid Measures

**Inhalation:**
If inhaled, remove to fresh air. 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, hold eyelids open and rinse with water for at least 15 minutes. Seek medical attention if symptoms occur.

**Ingestion:**
If swallowed, do not induce vomiting. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

**Symptoms Caused by Exposure:**
Inhalation: May cause respiratory irritation.
Skin Contact: May cause skin irritation.
Eye Contact: May cause eye irritation.
Ingestion: May be harmful if swallowed.

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## 5 Fire Fighting Measures

**Suitable Extinguishing Media:**
Water fog or fine spray, foam, dry chemical or carbon dioxide. Alcohol resistant foams (Type ATC) are preferred. Do not use full water jet as it may spread the fire.

**Specific Hazards Arising from the Chemical:**
Hazardous combustion products include oxides of carbon.
This product is not flammable, but may burn in a fire. Fine mists may be flammable.
Containers close to fire should be removed if safe to do so. Use water spray to cool fire exposed containers.

**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. Product may be slippery when spilt.

**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:**
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.

## 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 container tightly closed when not in use. Protect from temperatures above 121 ℃. Store at room temperature. Keep away from strong oxidising agents.

## 8 Exposure Controls and Personal Protection

| **Exposure Standards:** | |
|---|---|
| **CAS: 57-55-6 Propylene glycol** | |
| WES | TWA: 474* 10** mg/m³, 150* ppm<br>*vapour&particluates;**particulates only |

**Engineering Controls:**
Maintain air concentration below occupational exposure standards, providing adequate ventilation.

**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.

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**Skin Protection:**
Rubber 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:**
Eye and face protectors 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:** | Colourless |
| **Odour:** | Odourless |
| **Odour Threshold:** | No information available |
| **pH-Value:** | No information available |
| **Melting point/freezing point:** | No information available |
| **Initial Boiling Point/Boiling Range:** | 188 °C |
| **Flash Point:** | 102 °C (Open Cup) |
| **Flammability:** | Product is not flammable. |
| **Auto-ignition Temperature:** | No information available |
| **Decomposition Temperature:** | No information available |
| **Explosion Limits:** | |
| **Lower:** | 2.6 Vol % |
| **Upper:** | 12.5 Vol % |
| **Vapour Pressure:** | No information available |
| **Relative Density at 16 °C:** | 1.050 |
| **Vapour Density:** | No information available |
| **Evaporation Rate:** | No information available |
| **Solubility in Water:** | Soluble |
| **Partition Coefficient (n-octanol/water):** | >6 log POW |
| **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 use.

**Conditions to Avoid:** Temperatures above 121 ℃.

**Incompatible Materials:** Strong oxidising agents.

**Hazardous Decomposition Products:** Oxides of carbon.

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## 11 Toxicological Information

**Toxicity:**

| **$LD_{50}$/$LC_{50}$ Values Relevant for Classification:** | | |
|---|---|---|
| **CAS: 57-55-6 Propylene glycol** | | |
| | $LD_{50}$ | 6660 mg/kg (rat) (Intraperitoneal) |
| Oral | $LD_{50}$ | 20,000 mg/kg (rat) |

**Acute Health Effects**
**Inhalation:** May cause respiratory irritation.
**Skin:** May cause skin irritation.
**Eye:** May cause eye irritation.
**Ingestion:** May be harmful if swallowed.

**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:**
Repeated or prolonged skin exposure may cause skin flaking, tenderness and softening.
Repeated or prolonged exposure may be toxic to the central nervous system.

**Existing Conditions Aggravated by Exposure:** No information available

**Additional toxicological information:** No information available

## 12 Ecological Information

**Ecotoxicity:** No adverse ecological effects are expected.

**Aquatic toxicity:** This material is practically non-toxic to aquatic organisms.

**Persistence and Degradability:** Biodegradation is rapid in aerobic conditions.

**Bioaccumulative Potential:** This product's bioaccumulation potential is low.

**Mobility in Soil:** No further relevant information available.
**Other adverse effects:** No further relevant information available.

## 13 Disposal Considerations

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

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**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 Chemical Substances:** All ingredients are listed.

**Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:**
Not a scheduled poison.

## 16 Other Information

**Date of Preparation or Last Revision:** 06.07.2018

**Prepared by:** MSDS.COM.AU Pty Ltd 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)
$LC_{50}$: Lethal concentration, 50 percent
$LD_{50}$: 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**
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 - February 2016”
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