

## Material Safety Data Sheet

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** Thursday Plantation, T/T WATER SOLUBLE 15% 50ML

**Product Code:** TTOILWS

**Uses:** Antiseptic

**Supplier:** Integria Healthcare (Australia) Pty Ltd  
ABN 70 096 496 212  
8 Clunies Ross Court  
Eight Mile Plains, Qld, 4113  
Contact Details for :  
Retail Customers-  
Telephone : +61 1-300-654-336, Facsimile : +61 1-300-654-844  
Practitioners -  
Telephone: +61 1300-265-662, Facsimile: +61 1300-219-817  
(Mon-Fri 8.30am – 5.00pm) AEST  
Email: msds@integria.com  
Mob: 0419 485 003 (after hours)

### 2. HAZARDS IDENTIFICATION

This product is classified as both a DANGEROUS GOOD and a HAZARDOUS SUBSTANCE. This material is classified as a Dangerous Good according to the criteria specified in the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).  
This material is considered hazardous according to the criteria specified in the Approved Criteria for Classifying Hazardous Substances {NOHSC: 1008(2004)} 3rd Edition.



**Risk Phrases:** R10 Flammable, R22 Harmful if swallowed, R36 Irritating to eyes

**Safety Phrases:** S02 Keep out of the reach of children  
S07 Keep container tightly closed  
S25 Avoid contact with eyes

**Poison Schedule:** Not Scheduled

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## 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Material Description:** Clear, colourless to pale yellow to green liquid depending on active component.

Components/CAS Number	Proportion	Risk Phrases
Ethanol 64-17-5	10 - <30%	R10,R36
Water 7732-18-5	30 - 60%	
Tea Tree Oil 68647-73-4	10 - <30%	R10,R20/22,R36/38R52,R66
Polysorbate 60 9005-67-8	10 - <30%	R22,R36

## 4. FIRST AID MEASURES

**For advice, contact a Poisons Information Centre. (Phone e.g. Australia 131 126, New Zealand 0 800 764766) or a doctor.**

**Inhalation:** Generally not required. If concerned remove casualty to fresh air and seek medical advice.

**Skin Contact:** Generally not required. If concerned wash with lukewarm water and soap and seek medical advice.

**Eye Contact:** Flush continuously with running water for at least 15 minutes. If irritation persists seek medical advice.

**Ingestion:** If swallowed, do NOT induce vomiting. Rinse mouth with copious water and seek immediate medical advice.

**Medical Attention and Special Treatment:** Treat Symptomatically

## 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:** CO2, Foam, Dry Chemical, Do NOT use water

**Hazards from Combustion Products:** Burning can produce carbon monoxide and/or carbon dioxide.

**Precautions for Fire Fighters and Special Protective Equipment:** Firefighters should wear self-contained breathing apparatus and protective suit.

**Hazchem Code:** 3 (Y)

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## 6. ACCIDENTAL RELEASE MEASURES

**Emergency Procedures:** Small [bottle] spill Stop spillage with absorbent material (sand, soil, e.g.) eliminate all sources of ignition then bag and dispose - taking advice from local waste handler. Flush Residue with water.

**Methods and Materials for Containment and Clean Up:** Not Applicable

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling:** Product considered hazardous handle with care using precautions prescribed by Australian Standards if applicable (1940, 1920,1076, 2380 and 3000)  
Use as directed.

**Conditions for Safe Storage:** Store in a cool, dry, well-ventilated area away from direct sunlight. Keep containers tightly closed when not in use. Store away from sources of heat or ignition. Store away from incompatible materials described in Section 14. Inspect regularly for damage

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

No Value is assigned for this material by the National Health and Safety Commission. However for Exposure Standard(s) for constituent(s):

Ethanol	TWA –	1000 ppm (1880 mg/m <sup>3</sup> )
	STEL –	None allocated
	Carcinogen	None allocated
	Category –	
	Notices –	None allocated

TWA is the time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.  
STEL is the short-term exposure limits and are specified for short periods of exposure such as 15 minutes. According to current knowledge this concentration should neither impair the health nor cause undue discomfort to the majority of workers.

**Biological Limit Values:** No Biological limit has been assigned

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

**Engineering Controls:** Local exhaust ventilation and/or mechanical exhaust is recommended where vapors are likely to be generated. Use only in a well ventilated area.

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## Personal Protective Equipment:

Protective clothing (approved chemical resistant gloves, coveralls, boots etc) should be worn to prevent skin contact.

Avoid eye contact by wearing chemical goggles with side shields whenever exposed to vapor or if there is a risk of liquid splashing in the eye. Safety showers with eyewash should be available in all areas where the product is used/stored.

Respiratory protection is not required when used under normal circumstances

Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear, colourless to pale yellow to green liquid depending on active component.
<b>Odour:</b>	Characteristic as per substance
<b>pH:</b>	Not Determined
<b>Vapour pressure:</b>	59.3 mm Hg @ 20 deg C
<b>Vapour density:</b>	0.789g/cm <sup>3</sup> @ 20 deg C
<b>Boiling point:</b>	80.60C
<b>Freezing point:</b>	-114.1 deg C
<b>Viscosity:</b>	1.200cP @ 20 deg C
<b>Solubility in water:</b>	Soluble
<b>Specific gravity:</b>	0.790 @ 20 deg C
<b>Flash point:</b>	27°C Pensky-Martens closed cup
<b>Upper explosive limit</b>	19% by volume of air
<b>Lower explosive limit</b>	3.3% by volume of air
<b>Flammability limits:</b>	Not Determined
<b>Ignition temperature:</b>	31°C
<b>Auto ignition temperature:</b>	365°C
<b>Specific heat value:</b>	Not Determined
<b>Volatile organic compounds (VOC) content:</b>	Not Determined
<b>Evaporation rate:</b>	Not Determined
<b>Percent volatile:</b>	Not Determined
<b>Octanol / water partition coefficient:</b>	Not Determined
<b>Reactions that release flammable gases or vapours:</b>	Not Determined
<b>Fast or intensely burning characteristics:</b>	Not Determined
<b>Decomposition temperature:</b>	Not Determined

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability:</b>	Stable
<b>Conditions to Avoid:</b>	Excessive heat, Sparks, Flames
<b>Incompatible Materials:</b>	Explosives (Class 1), Organic peroxides (Class 5.2), Flammable gases in bulk (Class 2.1), Poisonous gases (Class 2.3), Spontaneously combustible substances (Class 4.2), Oxidizing agents (Class 5.1), Radioactive substances (Class 7)

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**Hazardous Decomposition Products:** Burning can produce carbon monoxide and/or carbon dioxide.

**Hazardous Reactions:** Will cause fire with ignition source

## 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this safety data sheet and the product label. Symptoms or effects that may occur if the product is mishandled and overexposure occurs are:

**Ingestion:** If taken in copias amounts can cause intoxication or inebriation along with serious health effects, then may included unconsciousness, not breathing and coma.

**Eye Contact:** Contact with eyes will irritate, vapors may cause irritation.

**Skin Contact:** Contact with skin may result in mild irritation and redness, (Over)/ (Repeated) exposure may cause sensitisation, dry skin and allergic reaction.

**Inhalation:** Irritant to mucous membranes and upper respiratory tract.

**Long-term Exposure:** Exposure by inhalation or swallowing may result in degenerative changes in liver, kidneys, intestinal track and heart muscle. Ingestion by pregnant woman may cause fetal alcohol syndrome in newborns. May cause adverse effect to reproductive system

**Toxicological Data:** No LD50 data available for this product. For constituents follows:

Ethanol If there are signs of intoxication or inebriation then serious health effects may follow. Apply artificial respiration if breathing stops, seek immediate medical attention. Treat unconsciousness by placing in coma position.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No data available

**Persistence and Degradability:** Not Applicable

**Mobility:** Not Applicable

## 13. DISPOSAL CONSIDERATIONS

**Disposal Methods:** Disposal must be in accordance with local waste authority requirements. Material must be contained and not disposed in sewerage systems, drains or waterways. Advise flammable nature. Empty containers must be decontaminated by rinsing with water.

**Special Precautions:** Ensure that containers are decontaminated prior to incineration to ensure that no flammable residue remains.

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## 14. TRANSPORT INFORMATION

<b>UN Number:</b>	1170
<b>UN Proper Shipping Name:</b>	Ethanol Solution
<b>Class and Subsidiary Risk(s):</b>	Class 3
<b>Packing Group:</b>	Packaging Group III
<b>Special Precautions for User:</b>	Refer to Incompatible Materials in Section 10
<b>Hazchem Code:</b>	3 (Y)

## 15. REGULATORY INFORMATION

The regulatory status of a material (including its ingredients) under relevant Australian health, safety and environmental legislation.

### Classification:

This product is classified as both a DANGEROUS GOOD and a HAZARDOUS SUBSTANCE. This material is classified as a Dangerous Good according to the criteria specified in the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code). This material is considered hazardous according to the criteria specified in the Approved Criteria for Classifying Hazardous Substances {NOHSC: 1008(2004)} 3rd Edition.



<b>Hazard Category:</b>	Xn: Harmful Xi : Irritant
<b>Risk Phrase(s):</b>	R10 Flammable R22 Harmful if swallowed. R36 Irritating to eyes
<b>Poison Schedule:</b>	Not Scheduled

## 16. OTHER INFORMATION

<b>Creation Date:</b>	02/09/2013
<b>Revision Date:</b>	02/09/2018
<b>Reason(s) for Issue:</b>	First review

The information provided in this MSDS is based on our research and the research of others and is accurate to the best of our knowledge as at the time of issue. Integria Healthcare (Australia) Pty Ltd shall not be held liable for any damage resulting from handling or from contact with the above product. Please refer to terms and conditions of sale.

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