

Safety Data Sheet


Version: 03

Issue Date: 20/08/2020

1. IDENTIFICATION

Product Name	Eureka Tea Tree Water Soluble Solution
Product Code	EU433100, EU43320, EUTOIL200
Uses	Multipurpose Solution; Domestic Cleaning Aid
Supplier	Integría Healthcare Pty Ltd Building 5, Freeway Office Park, 2728 Logan Road Eight Mile Plains, QLD 4113 AUSTRALIA
Telephone	Customer Service: 1300-654-336 (Australia) 0800-48-33-66 (New Zealand)
Emergency Telephone Number (24 hour contact)	Chemtrec Outside USA and Canada: +1-703-741-5970 Australia and Oceania: +61-2-9037-2994 Within USA and Canada: 1-800-424-9300
Email	Customer Service: enquiries@integría.com

2. HAZARDS IDENTIFICATION

GHS Classification	Flammable Liquid (Category 2) Eye Irritation (Category 2A) Skin Irritation (Category 2) Acute Aquatic Toxicity (Category 3)
GHS Pictograms	
Signal Word	Danger
Hazard Statement(s)	H225 - Highly flammable liquid and vapour H319 – Causes serious eye irritation H315 – Causes skin irritation H302 – Harmful if swallowed H402 – Harmful to aquatic life AUH066 – Repeated exposure may cause skin dryness and cracking
Precautionary Statement(s) Prevention	P102 – Keep out of reach of children P210 – Keep away from heat/sparks/open flames/hot surfaces – No Smoking P233 – Keep container tightly closed P264 – Wash skin thoroughly after handling P280 – Wear protective gloves/eye protection/face protection
Response	P302 + P352 – IF ON SKIN: Wash with plenty of soap and water

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Storage	P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P314 – Get medical advice/attention if you feel unwell. P402 + P404 – Store in a dry place. Store in a closed container. P403 + P233 – Store in a well-ventilated place. Keep container tightly closed. P403 + P235 – Store in a well-ventilated place. Keep cool. P410 + P403 – Protect from sunlight. Store in a well-ventilated place.
Disposal	P501 – Dispose of contents/container to an approved waste disposal plant.

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Components	CAS	Concentration
Ethanol	64-17-5	60 - 90%
Tea Tree Oil	68647-73-4	10 - 30%

4. FIRST AID MEASURES

Inhalation	Remove to fresh air. If rapid recovery does not occur, seek medical advice.
Skin Contact	Flush exposed area with water and follow by washing with soap if available.
Eye Contact	Flush continuously with running water for at least 15 minutes. If irritation persists seek medical advice.
Ingestion	Generally not required when used as directed. If adverse symptoms occur, seek medical advice.
Most Important Symptoms and Effects, Both Acute and Delayed	The most important known symptoms and effects are described in section 2.
Indication of Any Immediate Medical Attention and Special Treatment Needed	Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Equipment	Water Fog Carbon Dioxide (CO ₂) Foam Dry Chemical Powder
Specific Hazards Arising from the Chemical, Substance or Mixture	Burning can produce carbon monoxide (CO) and/or carbon dioxide (CO ₂)
Special Protective Equipment and Precautions for Fire Fighters	Firefighters should wear self-contained breathing apparatus (SCBA) and protective suit.
HAZCHEM Code	2YE

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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures	The use of suitable equipment (including PPE) to prevent contamination of skin, eyes and personal clothing. Wear respiratory protection/non-permeable gloves. Avoid breathing vapours, mist or gas. Ensure sufficient ventilation and remove all ignition sources.
Environmental Precautions	Evacuate unauthorised personnel to safe areas. Solution is miscible with water. Eliminate all ignition sources. Stop spill/leak if safe to do so – Prevent entry into waterways, drains or confined areas.
Methods and Materials for Containment and Cleaning Up	Absorb spill with earth, sand or other non-combustible material (includes HAZCHEM spill kit) – Use clean, non-sparking tools to collect material and place it in loosely-covered metal or plastic containers for later disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling	Avoid contact with eyes and skin. Provide appropriate exhaust ventilation where vapours exist. Additional precautions listed in section 2. Handle following precautions prescribed by Australian Standards (where applicable) AS1940, AS60079 (series), AS 3000. Use as directed.
Conditions for Safe Storage, Including any Incompatibilities	Store in a cool place. Keep container tightly closed in a dry, well-ventilated place and away from direct sunlight. Store away from sources of heat or ignition. Store away from incompatible materials described in section 10. Inspect regularly for damage.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure standard only known for constituent(s)

Material	Source	Type	ppm	mg/m³
Ethanol	NOHSC	TWA	1000	1880
		STEL	None allocated	
		Carcinogen Category	None allocated	
		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.

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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 vapours are likely to be generated. Use only in a well ventilated area. Eyewashes and showers for emergency use, where the product is used/stored.
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 vapour or if there is a risk of liquid splashing in the eye. 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

Appearance	Colourless to faintly yellow liquid
Odour	Characteristic Tee Tree oil aroma
Odour threshold	Not Determined
pH	Not Determined
Melting point	Not Determined
Freezing point	Not Determined
Boiling point/range	Not Determined
Flash point	19°C (Ethanol)
Evaporation rate	Not Determined
Flammability	Not Determined
Upper flammability	19% by volume of air (Ethanol)
Lower flammability	3.3% by volume of air (Ethanol)
Vapour pressure	Not Determined
Vapour density	Not Determined
Solubility in water	Not Determined
Partition coefficient: n-octanol/water	Not Determined
Auto-ignition temperature	Not Determined
Decomposition temperature	Not Determined
Viscosity	Not Determined
VOC content (% volatile)	Not Determined
Saturated vapour concentration	Not Determined
Specific Gravity	0.822 – 0.849

10. STABILITY AND REACTIVITY

Reactivity	No data available
Chemical Stability	Stable
Possibility of Hazardous Reactions	Will cause fire with ignition source.
Conditions to Avoid	Excessive heat, Sparks, Flames.
Incompatible Materials	Strong oxidising agents, strong acids.
Hazardous Decomposition Products	Burning can produce carbon monoxide and /or carbon dioxide.

11. TOXICOLOGICAL INFORMATION

Basis for Information Provided	There has been no specific assessment conducted on this product. Information based on ethanol (>98% concentration) constituent only.
Acute Oral Toxicity	LD50/oral/rat: 7060mg/kg
Acute Inhalation Toxicity	LC50/inhalation/rat: 38mg/l/10h
Skin Corrosion/Irritation	Slightly irritating to skin.
Serious Eye Damage/Eye Irritation	Causes serious eye irritation.
Respiratory Irritation	Inhalation of vapours or mists may cause irritation the respiratory system.
Respiratory or Skin Sensitisation	Not expected to be a sensitiser.
Germ Cell Mutagenicity	Not expected to be mutagenic
Carcinogenicity	Not expected to be carcinogenic
Reproductive and Developmental Toxicity	Causes foetotoxicity at doses which are maternally toxic. Ethanol may cause birth defects and/or miscarriages.
Specific Target Organ Toxicity – Single Exposure	Central nervous system (CNS). May cause drowsiness and dizziness.
Specific Target Organ Toxicity – Repeated Exposure	Liver: can cause liver damage at chronic exposure to high concentrations.
Aspiration Hazard	Not considered an aspiration hazard.
Acute Effects and Relevant Routes of Exposure	
Ingestion	Accidental swallowing is unlikely in the industrial setting. Swallowing ethanol can cause drunkenness or harmful central nervous system effects. The deliberate ingestion of ethanol is a known occupational risk. As little as 50-100ml intake in a
Eye Contact	Vapours may irritate the eyes. Liquid and mists may severely irritate or damage the eyes.
Skin Contact	Contact with skin may result in slight irritation and redness.
Inhalation	Vapour is moderately irritating to mucous membranes and respiratory tract. Inhalation of the vapour may result in drunkenness (see effects of ingestion) or headache, nausea, incoordination, narcosis (sleepiness) and emesis (vomiting). Early signs or symptoms may occur at airborne levels of 1000 to 5000 ppm.

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Long Term (Chronic) Exposure	Long term exposure by ingestion or repeated inhalation may cause degenerative changes in the liver, kidneys, gastrointestinal tract and heart muscle. Prolonged or repeated contact and heavy skin contamination may cause skin drying and cracking and/or dermatitis with redness, itching and swelling. This may lead to secondary infection. Ongoing or repeated exposures at high concentration may cause central nervous system symptoms similar to 'Acute: Ingestion' effects. Deliberate inhalation of the vapour is a known occupational risk.
Other Information	There is no other information available for this product.

12. ECOLOGICAL INFORMATION

Basis for Information Provided	There has been no specific assessment conducted on this product. Information based on ethanol (>98% concentration) constituent only.
Ecotoxicity	Toxicity to fish (acute): LC50/Golden Ide/: >1000mg/l/48h Toxicity to daphnia: EC50/Daphnia magna/:>1000mg/l/24h
Persistence and Degradability	Degree of elimination: 94%
Bioaccumulative Potential	Evaluation: Readily Biodegradable
Mobility in Soil	Does not bioaccumulate significantly. logKow >=4
Other Adverse Effects	Dissolves in water. If product enters soil, it will be highly mobile and may contaminate groundwater. There are no other known adverse effects of this product to the environment.

13. DISPOSAL CONSIDERATIONS

Basis for Information Provided	There has been no specific assessment conducted on this product. Information based on ethanol (>98% concentration) constituent only.
Disposal Methods	Disposal must be in accordance with local waste authority requirements. Under no circumstances should hazardous waste be allowed to enter drains, sewerage systems or waterways. Waste must be properly labelled (hazard pictograms and hazard statement) to indicate flammable nature, stored in a suitable container and housed appropriately until collection. Arrangements must be in place for waste to be collected regularly by the licensed waste contractor for appropriate off-site treatment. Personal Protective Clothing and Equipment as described in sections 6-8 of this SDS must be worn during handling and disposal of this product.

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14. TRANSPORT INFORMATION

UN Number	1170
Proper Shipping Name	Ethanol
Transport Hazard Class	ADG: 3 IATA: 3 IMDG: 3
Packing Group	ADG: II IATA: II IMDG: II
Environmental Hazards for Transport Purposes	There are no known environmental hazards for transport purposes via ADG/IATA/IMDG.
Special Precautions for User	Refer to Incompatible Materials in Section 10.
Additional Information	There is no other known additional information.
HAZCHEM Code	2YE

15. REGULATORY INFORMATION

Basis for Information Provided	Further regulatory information based on ethanol (>98% concentration) constituent only.
Safety, Health and Environmental Regulations	Australia Inventory (AICS): This material is listed or exempted. China Inventory (IECSC): This material is listed or exempted. Japan Inventory: This material is listed or exempted. Korea Inventory: This material is listed or exempted. Malaysia Inventory (EHS Register): Not determined. New Zealand Inventory of Chemicals (NZIoC): This material is listed or exempted. Philippines Inventory (PICCS): This material is listed or exempted. Taiwan Inventory (CSNN): Not determined. Canada (WHMIS) Class B-2: Flammable liquid Class D-2B: Material causing other toxic effects (Toxic).
Standard for the Uniform Scheduling of Medicines and Poisons	This is not a scheduled poison.

16. OTHER INFORMATION

Creation Date	06/12/2018
Revision Date	20/08/2020
Next Review	August 2025

The information provided in this Safety Data Sheet (SDS) 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.

END DOCUMENT