



# SOFT AS

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## Safety Data Sheet

### Section 1 – Identification

Product Identifier	
Product name	SOFT AS FABRIC CONDITIONER
Chemical name	Not Applicable
Synonyms	Product code: UBSOFTAS
Proper shipping name	Not Applicable
Chemical formula	Not Applicable
Other means of identification	Not Applicable
CAS number	Not Applicable

Recommended use of the chemical and restrictions on use	
Relevant identified uses	Fabric conditioner/softener.

Details of the manufacturer or importer	
Registered company name	ECOCLEAN UTILITY AGENCIES PTY LTD
Address	26 Notar Drive, Ormeau Queensland, Australia, 4208
Telephone	07 45549 3666
Website	www.ecocleanavantiche.com.au
Emergency phone number	Poisons Information Centre: Phone 13 11 26

Emergency Telephone Number	
Association / Organisation	Poisons Information Centre
Emergency telephone number	13 11 26
Other emergency telephone numbers	In an emergency telephone 000, for fire, police and ambulance.

### Section 2 – Hazard(s) Identification

Classification of the substance or mixture	
Poisons Schedule	Not scheduled
GHS Classification	Not hazardous

Label elements	
GHS label pictograms	None allocated.



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<b>Signal word</b>	None allocated.
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<b>Hazard statement(s)</b>	
	None allocated.

<b>Precautionary statement(s): Prevention</b>	
	None allocated.

<b>Precautionary statement(s): Response</b>	
	None allocated.

<b>Precautionary statement(s): Storage</b>	
	None allocated

<b>Precautionary statement(s): Disposal</b>	
	None allocated

<b>Note</b>	
<b>IMPORTANT</b>	This SDS and the Hazard Classifications contained therein, only apply to the product in its concentrated form, as supplied. However, good hygiene and housekeeping practices should be adhered to.

### Section 3 – Composition and Information on Ingredients

Ingredient	CAS Name	Proportion
Methyl tallow diethylenetriamine condensate, polyethoxylated, methyl sulfate	68410-69-5	< 10% w/w
isopropyl alcohol	67-63-0	< 10% w/w
Ingredients determined to be non-hazardous	Various	< 10% w/w
Water	7732-18-5	>60% w/w
<b>NOTE:</b>	Ingredients determined not to be hazardous are present in concentrations that do not exceed the relevant cut-off concentrations as found from NOHSC publication "List of Designated Hazardous Substances" or have been found NOT to meet the criteria of a hazardous substance as defined in the NOHSC publication "Approved Criteria for Classifying Hazardous Substances", or have been found NOT to meet the criteria of a dangerous substance as defined in the GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS) , 4th edition United Nations 2011. Listed ingredients may be below the cut-off concentrations for classification as hazardous, but are listed for information purposes and for additive effects.	



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### Section 4 – First Aid Measures

Description of necessary first aid measures	
<b>Eye Contact</b>	If this product comes in contact with eyes: <ul style="list-style-type: none"> <li>Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</li> <li>Call a POISON CENTER or doctor/physician.</li> </ul>
<b>Skin contact</b>	If skin contact occurs: <ul style="list-style-type: none"> <li>Remove / take off all contaminated clothing</li> <li>Rinse skin with water/shower</li> <li>Wash contaminated clothing before reuse</li> </ul>
<b>Inhalation</b>	<ul style="list-style-type: none"> <li>Remove victim to fresh air and keep at rest in a position comfortable for breathing</li> <li>If respiratory symptoms: Immediately call POISON CENTER or doctor.</li> <li>Treat symptomatically.</li> </ul>
<b>Ingestion</b>	<ul style="list-style-type: none"> <li>Rinse mouth.</li> <li>Do NOT induce vomiting.</li> <li>Call a POISON CENTER or doctor/physician.</li> </ul>

Symptoms caused by exposure	
	No known effects.

Medical attention and special treatment	
	Treat symptomatically

### Section 5 – Fire Fighting Measures

Suitable extinguishing equipment / media	
	<ul style="list-style-type: none"> <li>Use an extinguishing media suitable for surrounding fires.</li> <li>Water spray or fog.</li> <li>Foam.</li> <li>Dry Chemical Powder</li> <li>BCF (where allowed)</li> <li>Carbon dioxide</li> </ul>

Special hazards arising from the chemical	
<b>Fire incompatibility</b>	No known incompatibility.

Special protective equipment and precautions for fire fighters	
<b>Fire Fighting</b>	<ul style="list-style-type: none"> <li>Alert Fire Brigade and tell them the location and the nature of the hazard.</li> <li>Wear full body protective clothing with breathing apparatus.</li> </ul>



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	<ul style="list-style-type: none"> <li>• Prevent spillage from entering drains or watercourse.</li> <li>• Keep away from hot containers.</li> <li>• Cool hot containers with water spray.</li> </ul>
<b>Fire/Explosion Hazard</b>	<ul style="list-style-type: none"> <li>• Non-combustible</li> <li>• Not considered to be a considerable fire risk.</li> <li>• Containers may explode on heating.</li> <li>• May emit acid smoke.</li> <li>• May emit corrosive fumes.</li> <li>• Decomposition may product toxic fumes of decomposition.</li> </ul>

## Section 6 – Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	
<b>Minor spills</b>	<ul style="list-style-type: none"> <li>• Clean up spills immediately.</li> <li>• Avoid contact with skin and eyes.</li> <li>• Use Personal Protective Equipment.</li> <li>• Contain and absorb spill with vermiculite or other suitable material.</li> <li>• Sweep or wipe up.</li> <li>• Place in a suitable container for disposal.</li> </ul>
<b>Major spills</b>	<ul style="list-style-type: none"> <li>• Clear area of personnel.</li> <li>• Use Personal Protective Equipment.</li> <li>• Prevent spill from entering drains or watercourse.</li> <li>• If contamination occurs contact emergency services.</li> <li>• Contain and absorb spill with vermiculite or other suitable material.</li> <li>• Label collected material for disposal.</li> <li>• Decontaminate if necessary (see section 13).</li> <li>• Launder and clean all protective equipment prior to being re-used.</li> </ul>

Environmental precautions	
	<ul style="list-style-type: none"> <li>• Use appropriate containment to avoid environmental contamination.</li> <li>• Prevent from spreading and entering waterway using sand, earth or other appropriate barriers.</li> <li>• DO NOT DISCHARGE BULK QUANTITIES INTO DRAINS, WATERWAYS, SEWER OR ENVIRONMENT.</li> <li>• Inform local authorities if this occurs.</li> </ul>

Methods and materials for containment and cleaning up	
	Personal protective equipment advice is contained in Section 8 of the SDS

## Section 7 – Handling and Storage

Precautions for safe handling
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<b>Safe handling</b>	<ul style="list-style-type: none"> <li>Wear prescribed protective clothing.</li> <li>Do NOT eat, drink or smoke when handling.</li> <li>Wash hands after use.</li> <li>Keep containers closed tightly when not in use.</li> <li>Store in accordance to manufacturers instructions.</li> </ul>
<b>Other information</b>	<ul style="list-style-type: none"> <li>Store in original containers.</li> <li>Store in a cool, dry, well ventilated area out of direct sunlight.</li> </ul>

Conditions for safe storage, including any incompatibilities	
<b>Suitable container</b>	<ul style="list-style-type: none"> <li>Not to be transported in unlined metal drums.</li> <li>Lined metal can, lined metal pail/can.</li> <li>Plastic pail.</li> <li>Polyliner drum.</li> <li>Packaging as recommended by manufacturer.</li> </ul>
<b>Storage incompatibility</b>	<ul style="list-style-type: none"> <li>No known incompatibilities.</li> </ul>

## Section 8 – Exposure controls and personal protection

Control parameters	
<b>Occupational Exposure Limits (OEL)</b>	See Ingredients Data and Emergency Limits below.

Ingredients data						
Source	Ingredient	Material name	TWA	STEL	Peak	Notes
Australian Exposure Standards	isopropyl alcohol	isopropyl alcohol	400 ppm 983 mg/m <sup>3</sup>	500 ppm 1230 mg/m <sup>3</sup>	not available	not available

Emergency limits				
Ingredient	TEEL-0	TEEL-1	TEEL-2	TEEL-3
not available	not available	not available	not available	not available

IDLH data		
Ingredient	Original IDLH	Revised IDLH
Not available	Not available	Not available

### Exposure controls

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<b>Appropriate engineering controls</b>	<ul style="list-style-type: none"> <li>• Use in a well ventilated area.</li> <li>• General exhaust is adequate under normal operating conditions.</li> </ul>
<b>Personal protection</b>	 <ul style="list-style-type: none"> <li>• Use good occupational work practice.</li> <li>• The use of protective clothing and equipment depends upon the degree and nature of exposure.</li> </ul>
<b>Eye and face protection</b>	<ul style="list-style-type: none"> <li>• Generally not required to handle solutions of the product as per label directions.</li> <li>• The use of safety glasses with side shield protection, goggles or face shield is recommended to handle in quantity, cleaning up spills, decanting, etc.</li> <li>• Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.</li> </ul>
<b>Skin protection</b>	<ul style="list-style-type: none"> <li>• See hand protection below</li> </ul>
<b>Hand protection</b>	<ul style="list-style-type: none"> <li>• Generally not required to handle solutions of the product as per label directions.</li> <li>• Overalls, apron, work boots and elbow length gloves are recommended for handling the concentrated product (as per AS/NZS 2161, or as recommended by supplier) to handle in quantity, cleaning up spills, decanting, etc.</li> </ul>
<b>Body protection</b>	<ul style="list-style-type: none"> <li>• Generally not required to handle solutions of the product as per label directions.</li> <li>• Wear safety footwear.</li> <li>• Work clothes.</li> </ul>
<b>Respiratory protection</b>	<ul style="list-style-type: none"> <li>• Generally not required to handle solutions of the product as per label directions.</li> <li>• For confined spaces, cleaning up spills, etc, consider Type A Filter of sufficient capacity (AS/NZS 1716 &amp; 1715, EN143:2000, ANSI Z88 or national equivalent).</li> <li>• Where the concentration of gas/particulates in the breathing zone, approaches or exceeds the "Exposure Standard" (or ES), respiratory protection is required. Degree of protection varies with both face-piece and Class of filter the nature of the protection varies with Type of filter.</li> </ul>
<b>Other protection</b>	<ul style="list-style-type: none"> <li>• Ensure there is access to eye washes and safety showers.</li> </ul>
<b>Thermal hazards</b>	<ul style="list-style-type: none"> <li>• None expected</li> </ul>



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### Section 9 – Physical and Chemical Properties

Information on basic physical and chemical properties			
<b>Appearance</b>	White liquid		
<b>Physical state</b>	Viscous liquid	<b>Relative density (water=1)</b>	1.0 – 1.02 @ 25 °C
<b>Odour</b>	Fragrant	<b>Partition coefficient n-octanol/water</b>	Not available
<b>Odour threshold</b>	Not applicable	<b>Auto-ignition temperature (°C)</b>	Not flammable
<b>pH (as supplied)</b>	6.50 – 7.50	<b>Decomposition temperature</b>	Not available
<b>Melting Point / Freezing Point (°C)</b>	Not available	<b>Viscosity (cSt)</b>	Not available
<b>Initial boiling point and boiling range (°C)</b>	Not available	<b>Molecular weight (g/mol)</b>	Not available
<b>Flash point (°C)</b>	not flammable	<b>Taste</b>	Not available
<b>Evaporation rate</b>	not available	<b>Explosive properties</b>	none
<b>Flammability</b>	non flammable	<b>Oxidising properties</b>	Not available
<b>Upper Explosive Limit (%)</b>	none	<b>Surface Tension (dyn/cm or mN/m)</b>	Not available
<b>Lower Explosive Limit (%)</b>	none	<b>Volatile Component (%vol)</b>	Approx. 85% v/v
<b>Vapour pressure (kPa)</b>	Not available	<b>Gas group</b>	Not applicable
<b>Solubility in water (g/L)</b>	Miscible in all proportions	<b>pH as a solution (1%)</b>	6.50 – 7.50
<b>Vapour density (Air=1)</b>	Not determined	<b>Volatile organic compounds (VOC)</b>	1 - 2%

### Section 10 – Stability and Reactivity

<b>Reactivity</b>	Stable at normal temperatures and pressure.
<b>Chemical stability</b>	Stable at normal temperatures and pressure.
<b>Possibility of hazardous reactions</b>	Not expected.
<b>Conditions to avoid</b>	Avoid contact with heat or heat sources.
<b>Incompatible materials</b>	Reducing agents, oxidizing agents.
<b>Hazardous decomposition products</b>	Product can decompose on combustion to form Carbon Monoxide, Carbon Dioxide, and other possibly toxic gases and vapours.



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### Section 11 – Toxicological Information

Information on toxicological effects	
<b>Inhaled</b>	No vapour or mist generally associated with liquid form of the product – water based detergent liquid.
<b>Ingestion</b>	This product may cause irritation of the mouth, throat, oesophagus and stomach, nausea and vomiting.
<b>Skin contact</b>	Concentrated product may cause mild skin irritation. Prolonged contact with concentrated solutions may be irritating. Properly diluted wash solutions not expected to be irritating.
<b>Eyes</b>	This product may cause eye irritation, watering, redness.
<b>Chronic</b>	Prolonged and repeated skin contact with diluted solutions may induce dermatitis.

### Individual constituents

Mother's Touch (as sold)			
<b>TOXICITY</b>	Not toxic, based on ingredients. Oral LD50 (calculated) : > 10,000 mg/kg	<b>IRRITATION</b>	Not irritating to skin. Causes mild eye irritation.

Isopropyl alcohol 100%			
<b>Acute Toxicity</b>	5045 mg/kg (Rat; OECD 401: Acute Oral Toxicity; Experimental value; 5840 mg/kg bodyweight; Rat) Ingestion: May cause dizziness, stomach-ache, painful cramps, nausea, vomiting and diarrhea. Exposure to large amount will cause unconsciousness and death. Estimated fatal dosage is about 131g.	<b>Carcinogenicity</b>	Not listed as a carcinogen NTP, IARC, OSHA, EPA.
<b>Skin Irritation/Corrosion</b>	Skin: Prolonged or frequent skin contact may cause dryness and peeling.	<b>Reproductivity</b>	3500 ppm/7H (Female rats pregnant for 1-19 days, ingestion) causes incomplete development of the embryo.
<b>Serious Eye Damage/Irritation</b>	Eye: Concentration of below 400 ppm will cause light irritation. Direct contact of liquid with the eyes will cause acute irritation.	<b>STOT – Single Exposure</b>	No data available
<b>Respiratory or Skin sensitivity</b>	Not a skin sensitiser.	<b>STOT – Repeated Exposure</b>	No data available
<b>Mutagenicity</b>	No data available	<b>Aspiration Hazard</b>	Yes

### Methyl tallow diethylenetriamine condensate, polyethoxylated, methyl sulfate



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<b>Acute Toxicity</b>	Oral LD50 (rat): >15000 mg/kg	<b>Carcinogenicity</b>	Not listed as a carcinogen NTP, IARC, OSHA, EPA.
<b>Skin Irritation/Corrosion</b>	None	<b>Reproductivity</b>	No data available
<b>Serious Eye Damage/Irritation</b>	EYE IRRITATION: mild eye irritant	<b>STOT – Single Exposure</b>	No data available
<b>Respiratory or Skin sensitivity</b>	No data available	<b>STOT – Repeated Exposure</b>	No data available
<b>Mutagenicity</b>	No data available	<b>Aspiration Hazard</b>	No data available

## Section 12 – Ecological Information

Aquatic Toxicity	
<b>Mother's Touch (as sold)</b>	Acute Aquatic Toxicity (Calculated) LC50: 20 - 200 mg/L. Harmful to aquatic organisms. Acute Aquatic Toxicity Category 3.
<b>Mother's Touch (at use dilution 1:100 rinse)</b>	Acute Aquatic Toxicity (Calculated) LC50: 2000 – 20,000 mg/L. Acute Aquatic Toxicity NOT HAZARDOUS Not harmful to aquatic life. LC50 > 100mg/L.

Ingredients:	
Isopropyl alcohol	4200 mg/l (96 h; Rasbora heteromorpha; Flow-through system)
Methyl tallow diethylenetriamine condensate, polyethoxylated, methyl sulfate	Zebra fish 1 - 10 mg/L (96 hour)

Persistence and degradability		
Ingredient	Persistence: Water/Soil	Persistence: Air
Isopropyl alcohol	Results from 4 experiments showed that after 5 days (20) in the sewage, isopropyl alcohol can decompose 58% of the BOD theoretical value. When released into water, it is expected to evaporate (estimated half-life is 5.4 days) and can be biodegraded (although it decomposed quickly in the laboratory but there is no relevant data in natural water sources). When released into the air, it is expected to undergo photolysis (half-life is 1 to several days). Since it is water-soluble, it may be washed down by the rain. Half-life (air): 62-72hr Half-life (water surface): 24-168hr Half-life (underground water): 48-336hr Half-life (soil): 24168hr	Not Available
Methyl tallow diethylenetriamine condensate, polyethoxylated, methyl sulfate	Biodegradable >80% BOD Test (OECD 302B). COD 2200mg O2/g	Not Available



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Bioaccumulative potential	
Ingredient	Bioaccumulation
Isopropyl alcohol	No bioaccumulation is expected.
Methyl tallow diethylenetriamine condensate, polyethoxylated, methyl sulfate	Does not bioaccumulate significantly.

Mobility in soil	
Ingredient	Mobility
Isopropyl alcohol	When released into the soil, its high vapor pressure, faced with low adsorption from the soil, will cause it to evaporate quickly and seep into the ground.
Methyl tallow diethylenetriamine condensate, polyethoxylated, methyl sulfate	Not available.

### Section 13 – Disposal considerations

Waste treatment methods	
<b>Product and Packaging Disposal</b>	Recycle wherever possible or consult manufacturer for recycling options. Consult state land waste authority for disposal. Bury or incinerate residue at the approved site. Recycle containers if possible, or dispose of in an authorised landfill.

### Section 14 – Transport Information

Labels Required	
<b>Transport pictogram</b>	None Allocated
<b>Marine Pollutant</b>	None Allocated
<b>HAZCHEM</b>	None Allocated

Land Transport (ADG)	
<b>UN Number</b>	None Allocated
<b>Packing Group</b>	None Allocated
<b>UN Proper shipping name or Technical name</b>	None Allocated
<b>Environmental hazard</b>	No relevant data



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<b>Transport hazard class(es)</b>	None Allocated
<b>Special Precautions for user</b>	None Allocated
	None Allocated
<b>Additional information</b>	Not Available

## Section 15 – Regulatory Information

Health, safety and environment regulations	
<b>Poisons Schedule</b>	Not scheduled

## Section 16 – Other Information

<b>Issue Date</b>	30 <sup>th</sup> May 2016
<b>Version Number</b>	3.0
<b>Abbreviations and acronyms</b>	<ul style="list-style-type: none"> <li>• ADG Code: Australian Code for the Transport of Dangerous Goods by Road and Rail.</li> <li>• AICS: Australian Inventory of Chemical Substances.</li> <li>• CAS Number: Chemical Abstracts Service Registry Number.</li> <li>• GHS: Globally Harmonized System of Classification and Labelling of Chemicals</li> <li>• HAZCHEM: An emergency action code of numbers and letters which gives information to emergency services.</li> <li>• HSIS: Hazardous Substances Information System</li> <li>• IARC: International Agency for Research on Cancer.</li> <li>• NOHSC: National Occupational Health and Safety Commission.</li> <li>• NTP: National Toxicology Program (USA).</li> <li>• SDS: Safety Data Sheet</li> <li>• STEL: Short Term Exposure Limit.</li> <li>• SUSMP: Standard for the Uniform Scheduling of Medicines and Poisons.</li> <li>• TWA: Time Weighted Average.</li> <li>• UN Number: United Nations Number.</li> </ul>
<b>Literature references</b>	<ul style="list-style-type: none"> <li>• Preparation of Safety Data Sheets for Hazardous Chemicals – Code of Practice (December 2011 – Safe Work Australia)</li> <li>• GHS Hazardous Chemical Information List (September 2014 – Safe Work Australia)</li> <li>• Guidance on the Classification of Hazardous Chemicals under the WHS Regulations. April 2012. Safe Work Australia.</li> <li>• Global Harmonized System of Classification and Labelling of Chemicals (GHS). Fifth revised edition.</li> <li>• “Australian Exposure Standards”</li> </ul>



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	<ul style="list-style-type: none"> <li>• List of Designated Hazardous Substances [NOHSC:10005(1999)]</li> <li>• Australian Code For The Transport Of Dangerous Goods By Road And Rail – 7th Edition.</li> <li>• Standard for the Uniform Scheduling of Medicines and Poisons 2015.</li> <li>• Material Safety Data Sheets – individual raw materials – Suppliers.</li> <li>• Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(1999)]</li> <li>• HSIS – Hazardous Substance Information System – National Worksafe Data Base.</li> <li>• LABELLING OF WORKPLACE HAZARDOUS CHEMICALS, Code of Practice, DEC 2011</li> <li>• IMPLEMENTATION OF THE GLOBALLY HARMONISED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS) APRIL 2012</li> </ul>
<b>Risk assessments</b>	This SDS is a tool to communicate hazards which can assist you in creating relevant risk assessments for your workplace. There are many variables in determining whether a particular hazard is a risk in your workplace. Keep in mind this may be influenced by such things as the amount used, frequency of use, engineering controls, effectiveness of safety training and many more considerations.
<b>Disclaimer</b>	Safety Data Sheets are updated frequently. Please ensure that you have a current copy. This SDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact XO2 Pty Ltd. Our responsibility for products sold are subject to our standard terms and conditions. Where health or safety data given discloses a risk to the user or environment, it is the responsibility of the Purchaser to pass on that information to employees or those who may be using the product, ensuring that adequate safety procedures are used including good industrial hygiene.
<b>Copyright</b>	This document is copyright.
<b>End of SDS</b>	



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Document Revision History		
Revision Version #	Date	Reason for revision
Draft		GHS format
2.0	11.05.16	Review by Tuwai Specialties. <a href="mailto:tuwai.wt@bigpond.com">tuwai.wt@bigpond.com</a>
3.0	30.05.16	Change to base material.