



# NU CAR FRESH

Page 1 of 13

## Safety Data Sheet

### Section 1 – Identification

Product Identifier	
Product name	NU CAR FRESH
Chemical name	Not Applicable
Synonyms	Product code: UBSHIN
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	Spray polish for plastics, etc, dashboard enhancer.

Details of the manufacturer or importer	
Registered company name	Ecoclean Utility Agencies Pty Ltd
Address	26 Notar Drive, Ormeaus, Queensland, Australia, 4208
Telephone	(07) 5549 3666
Website	www.ecocleanavantichem.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	Eye Irritation Category 2A

Label elements
----------------



# NU CAR FRESH

Page 2 of 13

## Safety Data Sheet

GHS label pictograms	
Signal word	<b>WARNING</b>

Hazard statement(s)	
<b>H319</b>	Causes serious eye irritation
Precautionary statements: General	
<b>P102</b>	Keep out of reach of children.
<b>P103</b>	Read label before use.
Precautionary statement(s): Prevention	
<b>P264</b>	Wash skin thoroughly after handling.
<b>P280</b>	Wear eye protection/face protection.
Precautionary statement(s): Response	
<b>P305+P351+P338</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
<b>P337 + P313</b>	If eye irritation persists: Get medical advice/attention.
Precautionary statement(s): Storage	
	None allocated
Precautionary statement(s): Disposal	
	None allocated

Note	
<b>IMPORTANT</b>	This SDS and the Hazard Classifications contained therein, only apply to the product in its concentrated form, as supplied. When diluted to 1:3 or greater they no longer apply. However, good hygiene and housekeeping practices should be adhered to.

## Section 3 – Composition and Information on Ingredients

Ingredient	CAS Name	Proportion
Alcohol Ethoxylates	68439-46-3	< 10% w/w
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [CAS No. 26172-55-4] and 2-methyl-2Hisothiazol-3-one [CAS No. 2682-20-4] (3:1)	55965-84-9	<0.1% w/w
Ingredients determined to be non-hazardous	Various	10 - 30% w/w
Water	7732-18-5	>60% w/w



# NU CAR FRESH

Page 3 of 13

## Safety Data Sheet

<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.
--------------	--

### 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>If symptoms persist, 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	
	Causes serious eye irritation.

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



# NU CAR FRESH

Page 4 of 13

## Safety Data Sheet

<b>Fire incompatibility</b>	No known incompatibility.
-----------------------------	---------------------------

<b>Special protective equipment and precautions for fire fighters</b>	
<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> <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

<b>Personal precautions, protective equipment and emergency procedures</b>	
<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>Laundry and clean all protective equipment prior to being re-used.</li> </ul>

<b>Environmental precautions</b>	
	<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>



# NU CAR FRESH

Page 5 of 13

## Safety Data Sheet

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	
<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 manufacturer's 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	Not available	Not available	Not available	Not available	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




# NU CAR FRESH

Page 6 of 13

## Safety Data Sheet

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

Exposure controls	
<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>The use of safety glasses with side shield protection, goggles or face shield is recommended to handle concentrate, especially 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 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>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 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 wash.</li> </ul>
<b>Thermal hazards</b>	<ul style="list-style-type: none"> <li>None expected</li> </ul>



# NU CAR FRESH

Page 7 of 13

## Safety Data Sheet

### Section 9 – Physical and Chemical Properties

Information on basic physical and chemical properties			
Appearance	milky coloured liquid		
Physical state	Non-viscous liquid	Relative density (water=1)	1.01– 1.04 @ 25 °C
Odour	fragrant	Partition coefficient n-octanol/water	Not available
Odour threshold	Not applicable	Auto-ignition temperature (°C)	Not flammable
pH (as supplied)	4.0 – 7.0	Decomposition temperature	Not available
Melting Point / Freezing Point (°C)	Not available	Viscosity (cSt)	Not available
Initial boiling point and boiling range (°C)	Not available	Molecular weight (g/mol)	Not available
Flash point (°C)	Not flammable	Taste	Not available
Evaporation rate	Not available	Explosive properties	none
Flammability	Not flammable	Oxidising properties	Not available
Upper Explosive Limit (%)	none	Surface Tension (dyn/cm or mN/m)	Not available
Lower Explosive Limit (%)	none	Volatile Component (%vol)	Approx. 80-85% v/v
Vapour pressure (kPa)	Not available	Gas group	Not applicable
Solubility in water (g/L)	Miscible in all proportions	pH as a solution (1%)	5.0 – 7.0
Vapour density (Air=1)	Not determined	Volatile organic compounds (VOC)	0%

### Section 10 – Stability and Reactivity

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



# NU CAR FRESH

Page 8 of 13

## Safety Data Sheet

### 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 emulsion of silicones.
<b>Ingestion</b>	This product may cause irritation of the mouth, throat, oesophagus and stomach, nausea and vomiting.
<b>Skin contact</b>	Not expected to be irritating. Prolonged contact with concentrated solutions may be irritating to sensitive skin.
<b>Eyes</b>	This product may cause severe eye irritation, watering, redness.
<b>Chronic</b>	Prolonged and repeated skin contact with diluted solutions may induce dermatitis.

Individual constituents			
<b>NU CAR FRESH (as sold)</b>			
<b>TOXICITY</b>	Not toxic, based on ingredients. Oral LD50 (calculated) : > 10,000 mg/kg	<b>IRRITATION</b>	Causes serious eye irritation, based on ingredients.

Alcohol ethoxylate			
<b>Acute Toxicity</b>	LD50 Oral Rat - Male, Female 1200 mg/kg	<b>Carcinogenicity</b>	Not listed as a carcinogen NTP, IARC, OSHA, EPA.
<b>Skin Irritation/Corrosion</b>	LD50 Dermal Rat - Male, Female >2000 mg/kg	<b>Reproductivity</b>	No data available
<b>Serious Eye Damage/Irritation</b>	EYE IRRITATION: Severe 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

Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [CAS No. 26172-55-4] and 2-methyl-2Hisothiazol-3-one [CAS No. 2682-20-4] (3:1)			
<b>Acute Toxicity</b>	Acute oral toxicity LD50 rat female 2,630 mg/kg LD50 rat male 3,350 mg/kg Acute inhalation toxicity LC50 rat 4 h 0.33 mg/l	<b>Carcinogenicity</b>	Non-carcinogenic in both a mouse dermal and rat oral carcinogenicity study.





# NU CAR FRESH

Page 9 of 13

## Safety Data Sheet

	Active ingredient		
<b>Skin Irritation/Corrosion</b>	Acute dermal toxicity LD50 rabbit > 5,000 mg/kg Skin irritation rabbit: Corrosive Eye irritation rabbit: Corrosive	<b>Reproductivity</b>	This product is not a reproductive hazard. Did not show teratogenic effects in animal experiments.
<b>Serious Eye Damage/Irritation</b>	No	<b>STOT – Single Exposure</b>	No data available
<b>Respiratory or Skin sensitivity</b>	YES Sensitisation guinea pig - Causes sensitization.	<b>STOT – Repeated Exposure</b>	No data available
<b>Mutagenicity</b>	Non-mutagenic	<b>Aspiration Hazard</b>	No data available

## Section 12 – Ecological Information

Aqua-Toxicity	
<b>NU CAR FRESH (as sold)</b>	Acute Aquatic Toxicity (Calculated) LC50: 25 - 40 mg/L. Harmful to aquatic organisms. Acute Aquatic Toxicity Category 3.
<b>Ingredients:</b>	
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [CAS No. 26172-55-4] and 2-methyl-2Hisothiazol-3-one [CAS No. 2682-20-4] (3:1)	Toxicity to fish LC50 Oncorhynchus mykiss (rainbow trout) 96 h 0.19 mg/l Toxicity to fish LC50 Bluegill sunfish 96 h 0.28 mg/l Toxicity to algae EC50 Marine algae (Skeletonema costatum) 0.003 mg/l Toxicity to algae EC50 Algae (Selenastrum capricornutum) 0.018 mg/l Toxicity to aquatic invertebrates EC50 Daphnia magna 48 h 0.16 mg/l
Alcohol, ethoxylated (non-ionic surfactant)	(Fish) LC50 96hr 1.1 – 3.0mg/L

Persistence and degradability		
Ingredient	Persistence: Water/Soil	Persistence: Air
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [CAS No. 26172-55-4] and 2-methyl-2Hisothiazol-3-one [CAS No. 2682-20-4] (3:1)	Biodegradation (aquatic metabolism): CAS # 26172-55-4 t 1/2 anaerobic = 4.8 hr, CAS # 26172-55-4 t 1/2 aerobic = 17.3 hr, CAS # 2682-20-4 t 1/2 aerobic = 9.1 hr Activated Sludge Respiration Inhibition EC50: 4.5 mg/L ai	Not available
Alcohol ethoxylate	Readily biodegradable. >60% BOD, 28 days, Closed Bottle Test (OECD 301D).	Not Available



# NU CAR FRESH

Page 10 of 13

## Safety Data Sheet

	>70% BOD, 28 days, Closed Bottle Test (OECD 306). Biodegradable in sea water.	
--	---	--

Bioaccumulative potential	
Ingredient	Bioaccumulation
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [CAS No. 26172-55-4] and 2-methyl-2Hisothiazol-3-one [CAS No. 2682-20-4] (3:1)	Not available
Alcohol ethoxylate	No bioaccumulation is expected.

Mobility in soil	
Ingredient	Mobility
Alcohol ethoxylate	Due to its physico-chemical characteristics, highly mobile in the environment and will partition to the aquatic compartment.
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [CAS No. 26172-55-4] and 2-methyl-2Hisothiazol-3-one [CAS No. 2682-20-4] (3:1)	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



# NU CAR FRESH

Page 11 of 13

## Safety Data Sheet

<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
<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>	15 <sup>th</sup> August 2016
<b>Version Number</b>	2.0
<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> </ul>



# NU CAR FRESH

Page 12 of 13

## Safety Data Sheet

	<ul style="list-style-type: none"> <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> <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>	<p>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.</p>
<b>Disclaimer</b>	<p>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.</p>
<b>Copyright</b>	<p>This document is copyright.</p>

End of SDS



# NU CAR FRESH

Page 13 of 13

## Safety Data Sheet

Document Revision History		
Revision Version #	Date	Reason for revision
Draft		GHS format
2.0	16.08.2016	Review by Tuwai Specialties. <a href="mailto:tuwai.wt@bigpond.com">tuwai.wt@bigpond.com</a>
3.0		