

# ECOLOGY by TruNatural Hand Wash

## SAFETY DATA SHEET

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### SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

PRODUCT (MATERIAL) NAME **ECOLOGY by TruNatural Hand Wash**

OTHER NAMES

RECOMMENDED USE An all purpose hand wash gel or foaming solution. Use as supplied.

SUPPLIER NAME/ADDRESS Smart Surface Technologies Pty Ltd 8/14 Activity Crescent Molendinar Queensland 4214

TELEPHONE NO. 1300 886 008

EMERGENCY PHONE NUMBER 1300 886 008 Hours: 0800-1500 Monday-Friday

### SECTION 2 HAZARDS IDENTIFICATION

**HAZARD CLASSIFICATION OF MIXTURE** Not classified rtas Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; **NON-DANGEROUS GOODS.**

**SUSMP SCHEDULE** Based on available information, not classified as hazardous according to Safe Work Australia; **NON-HAZARDOUS SUBSTANCE.**

**HAZARD CATEGORY** Unscheduled

**PICTOGRAMS** Not

**SIGNAL WORD** NONE

**HAZARD STATEMENTS** NONE

**PRECAUTIONARY STATEMENTS**

**GENERAL** P101 If medical advice is needed, have product container or label at hand  
P103 Read label before use

**PREVENTION** No comment

**RESPONSE** No comment

**STORAGE** P402+404: Store in a dry place. Store in a closed container.

**DISPOSAL** P501 Dispose of contents/container in accordance with local and national regulations.

### SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

#### MIXTURE

Chemical identity of ingredients	CAS Number(s)	Proportion	Hazard Codes
All ingredients are classified as non-hazardous at the concentrations used according to the criteria of Safe Work Australia	Not applicable		

If the sum of ingredients is less than 100%, the material consists of further ingredients determined not to be hazardous as listed in HCIS.

### SECTION 4 FIRST AID MEASURES

For advice, contact a Poisons Information Centre (Phone Australia 131126; New Zealand 0800 764 766) or a doctor.

Swallowed: If swallowed, do NOT induce vomiting.

Eye: If in eyes wash out immediately with water.

Skin: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

Inhalation: If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.

Medical attention or special treatment required

**ADVICE TO DOCTOR.** Treat symptomatically.

### SECTION 5 FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder)

SPECIFIC HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE: Not combustible, however following evaporation of the water component of the material, the residual material can burn if ignited. On burning will emit toxic fumes, including those of oxides of carbon.

SPECIAL PROTECTIVE PRECAUTIONS AND Fire fighters to wear self-contained breathing apparatus and suitable protective

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EQUIPMENT FOR FIRE FIGHTERS clothing if risk of exposure to vapour or products of combustion.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURES If contamination of sewers or waterways has occurred advise local emergency services.  
 /ENVIRONMENTAL PRECAUTIONS:  
 PERSONAL PRECAUTIONS Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact and breathing in vapours. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal.  
 /PROTECTIVE EQUIPMENT  
 /METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

## SECTION 7 HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING Avoid skin and eye contact and breathing in vapour, mists and aerosols.  
 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES: Store in a cool, dry, well ventilated place and out of direct sunlight. Store below 30°C. Protect from freezing. Store away from sources of heat or ignition. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.

## SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS: No value assigned for this specific material by SAFEWORK Australia.  
 APPROPRIATE ENGINEERING CONTROLS: Use in well ventilated areas. If inhalation risk exists: Use with local exhaust ventilation or while wearing organic vapour/particulate respirator. Keep containers closed when not in use.  
 INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT (PPE): The selection of PPE is dependent on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.

OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES.



Wear overalls, safety glasses and impervious gloves. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. If determined by a risk assessment an inhalation risk exists, wear an organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear to light tan fluid of medium viscosity.  
Flammability: Not flammable  
Melting Point: N A  
Boiling Point: 100°C  
Flash Point: NA  
Vapour Pressure: unknown  
Volatiles: Not stated  
Vapour Density: unknown  
Flammability Limits: unknown  
Specific Gravity: 1.0-1.05  
Solubility in water: soluble  
pH 1% aqueous solution: 6.5-7.5

## SECTION 10 STABILITY AND REACTIVITY

Chemical stability Stable under normal conditions  
 Possibility of hazardous reactions Hazardous polymerisation will not occur.  
 Conditions to avoid Avoid exposure to heat, sources of ignition, and open flame.  
 Incompatible materials Incompatible with strong oxidising agents and water-reactive substances.  
 Hazardous decomposition products Oxides of carbon.  
 Hazardous reactions Oxidising agents (Class 5)

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**SECTION 11 TOXICOLOGICAL INFORMATION**

Acute toxicity: ATE <sub>MIX</sub> >22,000mg/kg	Not expected to be toxic
Skin corrosion/irritation:	Not expected to be an irritant.
Serious eye damage/irritation:	May be irritating to eyes (but insufficient to classify).
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 toxicity:	Not expected to impair fertility.
Specific Target Organ Toxicity (STOT) – single exposure:	No data
Specific Target Organ Toxicity (STOT) – repeated exposure:	No data
Aspiration hazard:	Not expected to be a hazard.

**SECTION 12 ECOLOGICAL INFORMATION**

ECOTOXICITY Avoid contaminating waterways.

Acute Toxicity

Fish –	No data available
Aquatic invertebrate –	No data available
Algae –	No data available
Microorganisms –	No data available

Chronic Toxicity

Fish –	No data available
Aquatic invertebrate –	No data available
Algae –	No data available
Microorganisms –	No data available

PERSISTENCE AND DEGRADABILITY

All ingredients are listed as readily biodegradable

MOBILITY

Adsorbs to soil and has low mobility.

ADDITIONAL INFORMATION

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

ENVIRONMENTAL FATE (EXPOSURE)

BIOACCUMULATIVE POTENTIAL

No data available. All ingredients listed as readily biodegradable.

**SECTION 13 DISPOSAL CONSIDERATIONS**

DISPOSAL METHODS AND CONTAINERS

Refer to State Land Waste Management Authority. Empty containers must be decontaminated. Normally suitable for disposal at approved land waste site.

**SECTION 14 TRANSPORT INFORMATION****ROAD AND RAIL TRANSPORT**

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

UN NUMBER	Not applicable
UN PROPER SHIPPING NAME	Not applicable
CLASS AND SUBSIDIARY RISK	Not applicable
PACKING GROUP	Not applicable
SPECIAL PRECAUTIONS FOR USER	Not applicable
HAZCHEM CODE	Not applicable

**MARINE TRANSPORT**

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

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**AIR TRANSPORT**

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.

**SECTION 15 REGULATORY INFORMATION**

CLASSIFICATION: **Based on available information, not classified as hazardous according to Safe Work Australia; NON-HAZARDOUS SUBSTANCE.**

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE: Not classified

HAZARD STATEMENT(S): NONE

POISONS SCHEDULE (SUSMP): NOT SCHEDULED

AICS All ingredients are on the Australian Inventory of Chemical Substances

*Additional information*

*Additional national and/or international regulatory information.*

**SECTION 16 OTHER INFORMATION**

Date of preparation or last revision of the SDS 14 March 2017

Prepared by SDS Manager

*Additional information*

*Key/legend to abbreviations and acronyms used in the SDS.*

<b>ADG</b>	Australian Code for the Transport of Dangerous Goods by Road and Rail
<b>ACGIH</b>	American Conference of Governmental Industrial Hygienists
<b>ASCC</b>	Australian Safety and Compensation Council
<b>ATE</b>	Acute Toxicity Estimates
<b>BEI<sup>®</sup></b>	Biological exposure indices (BEI) are values used for guidance to assess biological monitoring results. With respect to chemical exposure, biological monitoring is the measurement of the concentration of a chemical marker in a human biological media that indicates exposure. They are not developed for use as legal standards.
<b>Carcinogen Category Number</b>	<ol style="list-style-type: none"> <li>1. Established human carcinogen</li> <li>2. Probably human carcinogen</li> <li>3. Substances suspected of having carcinogenic potential</li> </ol>
<b>Code AICS</b>	Australian Inventory of Chemical Substances
<b>CAS number</b>	Chemical Abstracts Service Registry Number
<b>EPG</b>	Emergency Procedure Guide (superseded by IERG)
<b>Hazchem Code</b>	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
<b>HCIS</b>	The Hazardous Chemical Information System (HCIS) is a database of information on chemicals that have been classified in accordance with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS). HCIS replaces the previous Hazardous Substance Information System (HSIS).
<b>HSIS</b>	HSIS is a database of information on substances classified in accordance with Australia's previous hazardous substance classification system, the Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(2004)].
<b>IARC</b>	International Agency for Research on Cancer
<b>IATA</b>	International Air Transport Association
<b>IERG</b>	HB 76-2004 Dangerous goods - Initial Emergency Response Guide
<b>IMDG</b>	International Maritime Dangerous Goods. A uniform code for transport of dangerous goods at sea.
<b>LEL</b>	lower flammable (explosive) limits in air;
<b>LD<sub>50</sub></b>	Lethal Dose sufficient to kill 50% of test population
<b>NIOSH</b>	National Institute for Occupational Safety and Health The United States federal agency responsible for conducting research and making recommendations for the prevention of work-related injury and illness.
<b>NOAEL</b>	No Observed Adverse Effect Level
<b>NOEL</b>	No Observable Effect Level
<b>NOHSC</b>	National Occupational Health and Safety Commission

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<b>NTP</b>	National Toxicology Program (USA)
<b>PEL</b>	Permissible Exposure Limit
<b>RTECS</b>	Registry of Toxic Effects of Chemical Substances (Symyx Technologies')
<b>TCL<sub>o</sub></b>	Toxic Concentration Low
<b>TD<sub>Lo</sub></b>	Toxic Dose Low : lowest dosage per unit of bodyweight (typically stated in milligrams per kilogram) of a substance known to have produced signs of toxicity in a particular animal species.
<b>TLV</b>	Threshold Limit Value (ACGIH): The time weighted average used to describe exposure which is harmless to most of the population when exposed 8 hours per day, 40 hours per week.
<b>TWA</b>	(Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week. 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.
<b>SAFEWORK</b>	Independent statutory agency with primary responsibility to improve occupational health and safety and workers' compensation arrangements across Australia.
<b>STEL</b>	(Short Term Exposure Limit): The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.
<b>SUSDP</b>	Standard for the Uniform Scheduling of Drugs & Poisons
<b>SUSMP</b>	Standard for the Uniform Scheduling of Medicines & Poisons
<b>UEL</b>	upper flammable (explosive) limits in air;
<b>UN Number</b>	United Nations Number
<b>VOC</b>	Volatile Organic Content - defined as : 'any chemical compound based on carbon chains or rings with a vapour pressure greater than 0.1mm of mercury (Hg) or 0.0135Kpa at 25°C. This definition excludes reactive diluents, which are designed to be chemically bound into the cured film. It also includes all constituents >0.5% by volume of formulation, which are organic compounds with a boiling point < 250°C.'
<i>Literature references.</i>	
<i>Sources for data.</i>	Safety Data Sheets from Suppliers Hazardous Chemical Information System (HCIS) - ASCC Australia (on-line) GHS (Globally Harmonised System of Substance Classification & Labelling) REACH (European Chemical Substance Information System) ADG Code Ed 7.4 SUSMP N° 16

**DISCLAIMER:**

This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Smart Surface Technologies Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material. If clarification or further information is needed, the user should contact Smart Surface Technologies Pty Ltd at the contact details on page 1. Smart Surface Technologies Pty Ltd's responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request. Smart Surface Technologies Pty Ltd however makes no warranty whatsoever, expressed, implied or of merchantability regarding the accuracy of such data or the results to be obtained from the use thereof and assumes no responsibility for injury to buyer or third persons or for any damage to property, Buyer assumes all risks.