Hand Sanitiser
Powered by Fresche Bioscience
GHS SAFETY DATA SHEET

1. Identification

Product Name:	Pure South Hand Sanitiser and Protectant
Product Use:	Hand Sanitiser
Manufacturer/Supplier	Botany Essentials Pty Ltd.
Address	39 Cranwell Street Braybrook Victoria 3019 Australia
General Information	+61393179088
Emergency Contact Information.	Ms Celestine Hade +61402032342

2. Hazards Identification

GHS Classification:

Health	Environmental	Physical
Classification (EC 1272/2008)		
Not Classified	Not Classified	Not Classified
Classification (1999/45/EEC)		
Not Classified	Not Classified	Not Classified

GHS Label:

Label in accordance with (EC) No. 1272/2008 : No Pictogram required**.**

Hazard Statements	Precautionary Statements
<NIL>	(P305+351+338) IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue Rinsing. (P273) Avoid release to the environment (P501) Dispose of contents and containers in accordance with local, regional, national and international regulations.

Other hazards:
This product does not contain any PBT or vPvB substances.

3. Composition / Information on Ingredients

The ingredients in the product do not result in exposure to hazardous chemicals according to GHS.

As a Safety Data Sheet is not applicable, the following information about the ingredients may assist you.

INGREDIENT	**CAS NUMBER**	**PROPORTION**
Aqua	7732-18-5	97.0%-98.0%
Octadecylaminodimethyltrimethoxysilylpropylammoniumchloride	27668-52-6	0.4-0.5%
Alkyl dimethyl benzyl ammonium chloride (C12-16)	68424-85-1	0.13%

Composition Comments
The data shown are in accordance with the latest EC Directives.

4. First Aid Measures

Ingestion:	IMMEDIATELY RINSE MOUTH AND DRINK PLENTY OF WATER (200-300ML). **NEVER GIVE ANYTHING TO AN UNCONSCIOUS PERSON**. GET MEDICAL ATTENTION
Eye:	IN THE EVENT OF ACCIDENTAL CONTACT, PRODUCT IS SLIGHLY IRRITATING TO THE EYES. IRRIGATE WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES, OCCASIONALLY LIFTING EYELIDS. GET MEDICAL ATTENTION.
Skin:	NO UNTOWARD EFFECTS. IF DESIRED FLUSH EXPOSED AREAS WITH COPIOUS AMOUNTS OF SOAP AND WATER.
Inhaled:	NO UNTOWARD EFFECTS. IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING, COMMENCE ARTIFICIAL RESPIRATION. IF BREATHING DIFFICULT, GIVE OXYGEN. GET MEDICAL ATTENTION.
Long Term Effects:	UNKNOWN
Advice to Doctor:	TREAT SYMPTOMATICALLY
First Aid Facilities:	FLUSH WITH WATER IF IRRITATED

5. Fire Fighting Measures

General Comment:	PRODUCT HAS LOW FLAMMABILITY AND WILL NOT PROPOGATE FLAME
Extinguishing Media:	WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL OR FOAM
Personal Protective Equipment:	USE SELF-CONTAINED BREATHING APPARATUS. WEAR FULL PROTECTIVE CLOTHING.
Unusual Fire Fighting Procedures :	NONE KNOWN
Hazards from Combustion Products:	CARBON DIOXIDE, CARBON MONOXIDE, SILICON DIOXIDE. DOES NOT UNDERGO EXPLOSVIE DECOMPOSITION AND IS SHOCK STABLE. IT IS NOT AN OXYGEN DONOR.
Hazchem Code:	NOT ASSIGNED.

6. Accidental Release Measures

Spills and Disposal	ACTION TO BE TAKEN IF BULK MATERIAL IS RELEASED OR SPILLED: VENTILATE AREA, PERSON PERFORMING CLEAN-UP SHOULD WEAR ADEQUATE PROTECTION EQUIPMENT. CONTAIN MATERIAL BY DIKING THE AREA AROUND THE SPILL. IF THE PRODUCT IS IN A SOLID FORM, SHOVEL DIRECTLY INTO RECOVERY DRUMS. IF THE PRODUCT IS A LIQUID, IT SHOULD BE PICKED UP USING A SUITABLY ABSORBANT MATERIAL, THEN SHOVELED TO RECOVERY DRUMS. IF THE MATERIAL IS RELEASED INTO THE ENVIRONMENT, THE USER SHOULD DETERMINE WHETHER THE SPILL SHOULD BE REPORTED TO THE APROPRIATE LOCAL, STATE AND FEDERAL AUTHORITIES. REFER TO DISPOSAL SECTION 13.
Personal Protective Equipment:	EYE PROTECTION (GOGGLES), GLOVES

7. Handling and Storage

Handling:	AVOID CONTACT WITH EYES
Storage:	STORE UPRIGHT IN A COOL PLACE (5°C-30°C) FOR OPTIMUM PRODUCT LIFE. KEEP CONTAINER CLOSED WHEN NOT IN USE. DO NOT FREEZE.
Safety Placarding (Australia)	NONE

8. Exposure Controls and Personal Protection

National Exposure Standards:	NOT ASSIGNED FOR THE MIXTURE
Engineering Controls:	USE SUFFICIENT MECHANICAL (GENERAL) OR LOCAL EXHAUST
Respiratory Protection:	IF NEEDED, USE A NIOSH APPROVED RESPIRATOR
Protective Equipment:	GLOVES, APRON, GOGGLES

9. Physical and Chemical Properties

Appearance	CLEAR TO HAZY (OPAQUE) LIQUID
Odour	SIMILAR TO DETERGENT
Colour	CLEAR OR OPAQUE
pH	5.0-8.0
Vapour Pressure	NA
Vapour Density	>1
Boiling Point °C	100
Freezing Point °C	0
Melting Point	0
Solubility	SOLUBLE IN WATER
Specific Gravity	0.99-1.00
Flash Point	(CLOSED CUP) : >93°C
Flammable Limits in Air (%)	LOWER N/A, UPPER N/A
Ignition Temperature	N/A

10. Stability and Reactivity

Chemical Stability	STABLE, PRESENTS NO SIGNIFICANT REACTIVITY HAZARD, NOT PYROPHORIC NOR REACTIVE WITH WATER.
Conditions to Avoid:	HEAT, FREEZING, STRONG OXIDIZING AGENTS
Incompatible Materials:	OXIDIZING MATEIALS CAN CAUSE A REACTION,
Hazardous Polymerization:	WILL NOT OCCUR
Hazardous Decomposition:	CARBON MONOXIDE, CARBON DIOXIDE, SILICON DIOXIDE
NFPA Reactivity Code	0

11. Toxicological Information

Ingestion (acute):	NO UNTOWARD EFFECTS.
Eyes (acute):	CONTACT AT FULL STRENGTH WILL CAUSE MINOR EYE IRRITATION.
Skin (acute):	NO UNTOWARD EFFECTS. MAY CAUSE MINOR IRRITATION.
Inhalation (acute):	NO UNTOWARD EFFECTS. BOILING VAPOR IS MILDLY IRRITATING TO THE THROAT AND LUNGS. BREATHNG HIGH CONCENTRATIONS OF BOILING VAPOR WILL CAUSE NO ANESTHETIC EFFECTS.
Chronic Effects:	NO DATA AVAILABLE FOR CHRONIC OVEREXPOSURE. FINISHED PRODUCT IS NOT EXPECTED TO HAVE CHRONIC HEALTH EFFECTS.
Target Organs:	NO ADVERSE HEALTH EFECTS ON TARGET ORGANS EXPECTED FOR FINISHED PRODUCTS
Carcinogenicity:	FINISHED PRODUCT IS NOT EXPECTED TO BE CARCINOGENIC. NTP : NO IARC: NO OSHA: NO

12. Ecological Information

Environmental Protection	HYDROLYSIS DATA SHOWED THAT THE PRODUCT IS SOLUBLE BUT NOT STABLE IN WATER. RAPID DEGREDATION OF THE PRODUCT IN WATER FORMUS INSOLUBLE SILANE DEGRADATE WHICH IS NOT EXPECTED TO CONTAMINATE SURFACE OR GROUND WATER.
n-Octanol-water partition coefficient	Log K_{ow} < 3. Bioaccumulation unlikely

13. Disposal Considerations

Disposal Methods	DISPOSAL OF THIS PRODUCT SHOULD BE MADE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL ENVIRONMENTAL PROTECTION LEGISLATION.
US FEDERAL	
Tittle III-SARA	THE FOLLOWING DATA IS BEING SUPPLIED IN COMPLIANCE WITH TITTLE III SUPERFUND AMENDMENTS AND REAUTHROIZATION ACT (SARA) PART 313 AND 40 CFR 372.
California Proposition 65:	CONTAINS NO MATERIALS KNOWN TO BE ON THE CALIFORNIA PROPOSITION 65 LIST.

14. Transport Information.

UN Number:	N/A
UN Proper Shipping Name:	
Class	
Subsidiary Risk:	NONE
Packing Group	
Special Precautions For Users:	KEEP CONTAINERS TIGHTLY CLOSED.
Load Placard (AUSTRALIA)	N/A
Hazchem Code:	N/A

15. Regulatory Information

Australia NICNAS	REGULATED AS A COSMETIC UNDER THE *INDUSTRIAL CHEMICALS (NOTIFICATNON AND ASSESSMENT) ACT 1989,* ALL INGREDIENTS ARE LISTED ON THE *AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES (AICS)*.
Australia SUSMP	THE INGREDIENTS IN THIS PRODUCT ARE NOT SCHEDULED ACCORDING TO THE SUSMP OR ARE PRESENT AT CONCNTRATIONS BELOW SCHEDULED LEVELS.
US Federal	THE PRODUCT DESCRIBED IN THIS SDS IS REGULATED BY THE US EPA. USERS MUST VALIDATE THAT THEIR USE OF THIS PRODUCT IS LEGAL IN ALL JURISDICTIONS.
US State	CA PROP 65: THIS PRODUCT IS NOT SUBJECT TO WARNING LABELING UNDER CALIFORNIA PROPOSITION 65.
Europe	REGULATION (EC) NO 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 16 DECEMBER 2008 ON CLASSIFICATION, LABELLING AND PACKAGING OF SUBSTANCES AND MIXTURES, AMENDING AND REPEALING DIRECTIVES 67/548/EEC AND 1999/45/EC, AND AMENDING REGULATION (EC) NO 1907/2006 WITH AMENDMENTS.
Other	PERFUMES CONTAINED WITHIN THE PRODUCTS COVERED BY THIS MSDS COMPLY WITH THE APPROPRIATE IFRA GUIDANCE.

16. Other Information

Date of This Issue	11th February 2020
Date of Previous Issue:	
Change Made:	
References:	
Hazard Statements in Full:	
Key Literature:	COMMERCIAL DATA US EPA *REGISTRATION ELIGIBILITY DECISION FOR TRIMETHOXYSILYL QUATERNARY AMMONIUM CHLORIDE COMPOUNDS.* 2007 HEALTH CANADA *PROPOSED RE-EVALUATION DECISION PRVD2010-09* VALUES FOR HUMAN AND ENVIRONMENTAL TOXICITY DERIVED ACCORDING TO SECTION 3.1.3.6 AND 4.1.3.5 OF THE GHS PURPLE BOOK.

LEGAL DISCLAIMER:

This SDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information has been compiled from sources considered by us to be dependable and is accurate to the best of the Company's knowledge, although no warranty is given as to the accuracy. It is not meant to be an all- inclusive document on worldwide hazard communication regulations.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design and the appropriate protective mechanisms to prevent employee exposure, property damage or release to the environment. Botany Essentials (powered by Fresche Bioscience Pty Ltd) assumes no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product. Recipients are advised to confirm in advance of need that the information is current and suitable for their needs.

END OF SDS