



Surface Spray Commercial Grade Fogging / Misting
Powered by Fresche Bioscience
GHS SAFETY DATA SHEET

1. Identification

Product Name:	Pure South Surface Spray Commercial Grade Fogging/Misting
Product Use:	Sanitiser and Protectant for surfaces
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

GHS Label:

<Nil>	
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.

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		97.0%-98.0%
Octadecylaminodimethyltrimethoxysilylpropylammoniumchloride	27668-52-6	<1%
Alkyl dimethyl benzyl ammonium chloride (C12-16)	66424-85-1	<1%

4. First Aid Measures

Ingestion:	INDUCE VOMITING BY GIVING 2 GLASSES OF WATER AND PLACE FINGER DOWN THROAT. NEVER GIVE ANYTHING TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION
Eye:	IN THE EVENT OF ACCIDENTAL CONTACT, PRODUCT IS SLIGHTLY 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: CARBON DIOXIDE, CARBON MONOXIDE, SILICON DIOXIDE. DOES NOT UNDERGO EXPLOSIVE DECOMPOSITION AND IS SHOCK STABLE. IT IS NOT AN OXYGEN DONOR.
Products: 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. NO FRAGRANCE ADDED.
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 DEGREDDATION OF THE PRODUCT IN WATER FORMUS
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n-Octanol-water
partition coefficient

INSOLUBLE SILANE DEGRADATE WHICH IS NOT EXPECTED
TO CONTAMINATE SURFACE OR GROUND WATER.

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

Title III-SARA

THE FOLLOWING DATA IS BEING SUPPLIED IN COMPLIANCE
WITH TITLE III SUPERFUND AMENDMENTS AND
REAUTHORIZATION 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 KEEP CONTAINERS TIGHTLY CLOSED.

For Users:

Load Placard N/A

(AUSTRALIA)

Hazchem Code: N/A

15. Regulatory Information

Australia REGULATED UNDER THE *INDUSTRIAL CHEMICALS
(NOTIFICATION AND ASSESSMENT) ACT 1989* AND LISTED
ON THE *AUSTRALIAN INVENTORY OF CHEMICAL
SUBSTANCES*.

REGULATED UNDER THE *AGRICULTURAL AND VETERINARY
CHEMICALS ACT 1998* WHEN APPLIED DIRECTLY TO
ANIMALS OR APPLIED TO ANIMAL FODDER.

US Federal

THE PRODUCT DESCRIBED IN THIS SDS IS REGULATED
UNDER THE US EPA. (US. EPA REGISTRATION 48937-1)

US State

CA PROP 65: THIS PRODUCT IS NOT SUBJECT TO WARNING
LABELING UNDER CALIFORNIA PROPOSITION 65.

Other

16. Other Information

Date of This Issue 01st Sept. 2019

Date of Previous
Issue: NIL

Change Made:

NEW SDS.

References:

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