

Safety Data Sheet
according to WHS Regulations

Printing date 25.09.2020

Revision: 25.09.2020

1 Identification

Product Name: PURE SOUTH MULTIPURPOSE FOGGER SURFACE SANITISER & DISINFECTANT

Other Means of Identification: Mixture

Product Code: PSF5994 - 9325475005994

Recommended Use of the Chemical and Restriction on Use: Sanitiser & Disinfectant

Details of Manufacturer or Importer:

Botany Essentials Pty Ltd
37-39 Cranwell Street,
Braybrook Vic 3019

Phone Number: + 613 9317 9088

Emergency telephone number: 0402 032 342

2 Hazard(s) Identification

Hazardous Nature:

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition).



flame

Aerosol 1

H222-H229 Extremely flammable aerosol. Pressurized container: may burst if heated.



Skin Corrosion/Irritation 2

H315

Causes skin irritation.

Serious Eye Damage/Irritation 2A

H319

Causes serious eye irritation.

Signal Word Danger

Hazard Statements

H222-H229 Extremely flammable aerosol. Pressurized container: may burst if heated.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Precautionary Statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P264 Wash thoroughly after handling.

P280 Wear protective gloves / eye protection / face protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P321 Specific treatment (see on this label).

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

P337+P313 If eye irritation persists: Get medical advice/attention.

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P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

3 Composition and Information on Ingredients

Chemical Characterization: Mixtures**Description:** Mixture of substances listed below with nonhazardous additions.**Hazardous Components:**

CAS: 68476-85-7	Petroleum gases, liquefied ⚠ Flam. Gas 1A, H220; ⚠ Press. Gas C, H280	50 - 70%
CAS: 64-17-5	Ethanol ⚠ Flammable Liquids 2, H225; ⚠ Serious Eye Damage/Irritation 2A, H319	20 - 50%
CAS: 68424-85-1	Quaternary ammonium compounds, benzyl-C12-16-alkyldimethylchlorides ⚠ Skin Corrosion/Irritation 1A, H314; ⚠ Serious Eye Damage/Irritation 1, H318; ⚠ Acute Toxicity (Oral) 4, H302; ⚠ Acute Toxicity (Dermal) 4, H312	0 - 10%

4 First Aid Measures

Inhalation: If inhaled, remove to fresh air. Seek medical attention if breathing problems develop.**Skin Contact:**

In case of skin contact, remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

Eye Contact:

In case of eye contact, hold eyelids open and rinse with water for at least 15 minutes. Seek medical attention if symptoms occur.

Ingestion:

If swallowed, do not induce vomiting. Immediately rinse mouth with water. Give a glass of water. Never give anything by mouth to an unconscious person. Seek medical attention if symptoms occur.

Symptoms Caused by Exposure:

Inhalation: May cause headache, nausea, dizziness, blurred vision and fatigue.

Skin Contact: Causes skin irritation.

Eye Contact: Causes serious eye irritation.

Ingestion: May cause headache, nausea, dizziness, blurred vision and fatigue.

5 Fire Fighting Measures

Suitable Extinguishing Media: Water fog, foam, dry chemical or carbon dioxide.**Specific Hazards Arising from the Chemical:**

Hazardous combustion products include oxides of carbon and acrid smoke.

Product is extremely flammable. Vapours may travel considerable distances to a source of ignition where they can ignite, flashback, or explode.

Closed containers may explode when exposed to extreme heat. Containers close to fire should be removed if safe to do so. Use water spray to cool fire exposed containers.

Special Protective Equipment and Precautions for Fire Fighters:

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

6 Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear protective equipment. Keep unprotected persons away.

Environmental Precautions:

In the event of a major spill, prevent spillage from entering drains or water courses.

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Methods and Materials for Containment and Cleaning Up:

Remove leaking containers to a well-ventilated area and allow to discharge.

Absorb liquid spill with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal. Use only non-sparking tools.

7 Handling and Storage

Precautions for Safe Handling:

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Use only outdoors or in a well-ventilated area.

Take precautionary measures against static discharge. Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

Conditions for Safe Storage:

Store in a cool, dry and well ventilated area. Keep container tightly closed when not in use. Protect containers from physical damage. Check regularly for damage or leaks. Protect from heat, sparks, open flames and other sources of ignition. Keep away from strong oxidising agents, acids, halogens and metal halides.

8 Exposure Controls and Personal Protection

Exposure Standards:**CAS: 68476-85-7 Petroleum gases, liquefied**WES | TWA: 1800 mg/m³, 1000 ppm**CAS: 64-17-5 Ethanol**WES | TWA: 1880 mg/m³, 1000 ppm**Engineering Controls:**

Maintain air concentration below occupational exposure standards, providing adequate ventilation. Use explosion-proof ventilating equipment.

Respiratory Protection:

Use an approved vapour respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.

Skin Protection:

Impervious gloves are recommended. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Eye and Face Protection:

Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

9 Physical and Chemical Properties

Appearance:

Form:	Aerosol
Colour:	Clear to light yellow
Odour:	Alcohol-like
Odour Threshold:	No information available
pH-Value:	Not applicable
Melting point/freezing point:	No information available
Initial Boiling Point/Boiling Range:	No information available

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Flash Point:	Not applicable, as aerosol.
Flammability:	Extremely flammable
Auto-ignition Temperature:	No information available
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	No information available
Upper:	No information available
Vapour Pressure:	No information available
Relative Density:	No information available
Vapour Density:	No information available
Evaporation Rate:	No information available
Solubility in Water:	No information available
Partition Coefficient (n-octanol/water):	No information available
Viscosity:	No information available

10 Stability and Reactivity

Possibility of Hazardous Reactions: Hazardous polymerisation will not occur.

Chemical Stability: Stable at ambient temperature and under normal conditions of use.

Conditions to Avoid: Heat, sparks, open flames and other sources of ignition.

Incompatible Materials: Strong oxidising agents, acids, halogens and metal halides.

Hazardous Decomposition Products: Oxides of carbon and acrid smoke.

11 Toxicological Information

Toxicity:

LD50/LC50 Values Relevant for Classification:

CAS: 64-17-5 Ethanol

Oral	LD50	7,060 mg/kg (rat)
Inhalation	LC50/4 h	20,000 mg/l (rat)

Acute Health Effects

Inhalation: May cause headache, nausea, dizziness, blurred vision and fatigue.

Skin: Causes skin irritation.

Eye: Causes serious eye irritation.

Ingestion: May cause headache, nausea, dizziness, blurred vision and fatigue.

Skin Corrosion / Irritation: Causes skin irritation.

Serious Eye Damage / Irritation: Causes serious eye irritation.

Respiratory or Skin Sensitisation: Based on classification principles, the classification criteria are not met.

Germ Cell Mutagenicity: Based on classification principles, the classification criteria are not met.

Carcinogenicity: This product does NOT contain any IARC listed chemicals.

Reproductive Toxicity: Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Single Exposure:

Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:

Based on classification principles, the classification criteria are not met.

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Aspiration Hazard: Based on classification principles, the classification criteria are not met.**Chronic Health Effects:** May cause damage to the liver and kidneys.**Existing Conditions Aggravated by Exposure:** No information available**Additional toxicological information:** No information available

12 Ecological Information

Ecotoxicity:**Aquatic toxicity:****CAS: 64-17-5 Ethanol**

EC50/48 h	9,268-14,221 mg/l (daphnia)
	>100 mg/l (selenastrum capricornutum)
EC50/72 h	275 mg/l (algae)
LC50/96 h	>100 mg/l (fathead minnow)
	12-16 mg/l (rainbow trout)
LC50/48 h	>100 mg/l (golden orfe)

CAS: 68424-85-1 Quaternary ammonium compounds, benzyl-C12-16-alkyldimethylchlorides

EC50/48 h	0.016 mg/l (daphnia)
EC50/72 h	0.025 mg/l (selenastrum capricornutum)
LC50/96 h	0.085 mg/l (rainbow trout)

Persistence and Degradability: No further relevant information available.**Bioaccumulative Potential:** No further relevant information available.**Mobility in Soil:** No further relevant information available.**Other adverse effects:** No further relevant information available.

13 Disposal Considerations

Disposal Methods and Containers: Dispose according to applicable local and state government regulations.**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

14 Transport Information

UN Number	
ADG, IMDG, IATA	UN1950
Proper Shipping Name	
ADG, IMDG	AEROSOLS
IATA	AEROSOLS, flammable
Dangerous Goods Class	
ADG Class:	2.1
Packing Group:	Not applicable
EMS Number:	F-D,S-U
Hazchem Code:	Not applicable
Special Provisions:	63, 190, 277, 327, 344, 381

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Limited Quantities: 1L
Packagings & IBCs - Packing Instruction: P207, LP200
Packagings & IBCs - Special Packing Provisions: P87, L2

15 Regulatory Information

Australian Inventory of Chemical Substances:

CAS: 68476-85-7	Petroleum gases, liquefied
CAS: 7732-18-5	Water
CAS: 64-17-5	Ethanol
CAS: 68424-85-1	Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides

Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule: Not Scheduled.

Australia: Priority Existing Chemicals

None of the ingredients is listed.

16 Other Information

Date of Preparation or Last Revision: 25.09.2020

Prepared by: MSDS.COM.AU Pty Ltd

www.msds.com.au

Abbreviations and acronyms:

ADG: Australian Dangerous Goods
 IMDG: International Maritime Code for Dangerous Goods
 IATA: International Air Transport Association
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 IARC: International Agency for Research on Cancer
 STEL: Short Term Exposure Limit
 TWA: Time Weighted Average
 NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)
 Flam. Gas 1A: Flammable gases – Category 1A
 Aerosol 1: Aerosols – Category 1
 Press. Gas C: Gases under pressure – Compressed gas
 Flammable Liquids 2: Flammable liquids – Category 2
 Acute Toxicity (Oral) 4: Acute toxicity - oral – Category 4
 Skin Corrosion/Irritation 1A: Skin corrosion/irritation – Category 1A
 Skin Corrosion/Irritation 2: Skin corrosion/irritation – Category 2
 Serious Eye Damage/Irritation 1: Serious eye damage/eye irritation – Category 1
 Serious Eye Damage/Irritation 2A: Serious eye damage/eye irritation – Category 2A

Disclaimer

This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - May 2018"

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