



Septdes Gel

Safety Data Sheet

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Printing date 05.04.2019

Safety Data Sheet

according to WHS Regulations

Revision: 05.04.2019

1 Identification

Product Name: SEPTDES GEL**Other Means of Identification:** Mixture**Recommended Use of the Chemical and Restriction on Use:** Disinfectant**Details of Manufacturer or Importer:**

Virtue Plus
13 Fawkner Avenue,
Kings Meadows, Tas, 7249

Phone Number: 03 6344 8400**Emergency telephone number:** 1800 205 506, +64 7958 2372

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

Flammable Liquids 2

H225 Highly flammable liquid and vapour.



Serious Eye Damage/Irritation 2A H319 Causes serious eye irritation.

Signal Word Danger**Hazard Statements**

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

Precautionary Statements

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P233 Keep container tightly closed.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical/ventilating/lighting equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

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

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

P370+P378 In case of fire: Use to extinguish: CO2, powder or water spray.

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/container in accordance with local/regional/national regulations.

(Contd. on page 2)

Safety Data Sheet

according to WHS Regulations

Printing date 05.04.2019

Revision: 05.04.2019

Product Name: SEPTDES GEL

(Contd. of page 1)

3 Composition and Information on Ingredients

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

CAS: 64-17-5	Ethanol	≥50%
 Flammable Liquids 2, H225;  Serious Eye Damage/Irritation 2A, H319		

4 First Aid Measures

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

Skin Contact:

In case of skin contact, immediately 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 immediate medical attention.

Symptoms Caused by Exposure:

Inhalation: Vapours may have a narcotic effect leading to dizziness, tiredness and intoxication.

Skin Contact: No adverse health effects expected.

Eye Contact: Causes serious eye irritation.

Ingestion: May have a narcotic effect leading to dizziness, tiredness and intoxication.

5 Fire Fighting Measures

Suitable Extinguishing Media:

Water fog, alcohol-resistant foam, ABC powder, dry chemical or carbon dioxide. Do not use full water jet.

Specific Hazards Arising from the Chemical:

Hazardous combustion products include oxides of carbon.

Product is highly 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 approved respiratory protection, chemical resistant gloves, protective clothing and safety boots. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation. Extinguish all sources of ignition. Avoid sparks and open flames. No smoking.

Environmental Precautions:

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

(Contd. on page 3)

Safety Data Sheet

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Printing date 05.04.2019

Revision: 05.04.2019

Product Name: SEPTDES GEL

(Contd. of page 2)

Methods and Materials for Containment and Cleaning Up:

Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material.
Collect the spilled material and place into a suitable container for disposal.

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. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

Conditions for Safe Storage:

Store in a cool, dry and well ventilated area. Keep container tightly closed when not in use. Protect from heat, sparks, open flames and other sources of ignition. Do not allow storage temperature to exceed 30 °C. Keep away from strong oxidising agents.

Recommended storage temperature: 5 - 25 °C.

Storage life: 3 years

8 Exposure Controls and Personal Protection

Exposure Standards:**CAS: 64-17-5 Ethanol**

NES	TWA: 1880 mg/m ³ , 1000 ppm
WES	TWA: 1880 mg/m ³ , 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:

Nitrile, neoprene or viton gloves. Do not use rubber or PVC gloves. 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.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

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:**

Gel

Colour:

Colourless

(Contd. on page 4)

Safety Data Sheet

according to WHS Regulations

Printing date 05.04.2019

Revision: 05.04.2019

Product Name: SEPTDES GEL

(Contd. of page 3)

Odour:	Alcohol-like
Odour Threshold:	No information available
pH-Value at 20 °C:	7.5 - 8.5
Melting point/freezing point:	-20 °C
Initial Boiling Point/Boiling Range:	~85 °C
Flash Point:	14 °C
Flammability:	Highly flammable.
Auto-ignition Temperature:	Not determined
Decomposition Temperature:	Not determined.
Explosion Limits:	
Lower:	Not determined
Upper:	Not determined
Vapour Pressure:	Not determined.
Density at 20 °C:	0.83 - 0.85 g/cm ³
Vapour Density:	Not determined
Evaporation Rate:	Not determined
Solubility in Water:	Not determined
Partition Coefficient (n-octanol/water):	Not determined.
Viscosity:	Not determined

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.

Hazardous Decomposition Products: Oxides of carbon.

11 Toxicological Information

Toxicity:

LD₅₀/LC₅₀ Values Relevant for Classification:

CAS: 64-17-5 Ethanol

Oral	LD ₅₀	7,060 mg/kg (rat)
Inhalation	LC ₅₀ /4 h	20,000 mg/l (rat)

Acute Health Effects

Inhalation: Vapours may have a narcotic effect leading to dizziness, tiredness and intoxication.

Skin: No adverse health effects expected.

Eye: Causes serious eye irritation.

Ingestion: May have a narcotic effect leading to dizziness, tiredness and intoxication.

Skin Corrosion / Irritation: Based on classification principles, the classification criteria are not met.

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.

(Contd. on page 5)

Safety Data Sheet

according to WHS Regulations

Printing date 05.04.2019

Revision: 05.04.2019

Product Name: SEPTDES GEL

(Contd. of page 4)

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.

Aspiration Hazard: Based on classification principles, the classification criteria are not met.**Chronic Health Effects:**

Repeated or prolonged skin exposure may cause de-fatting of the skin, dermatitis and irritation.

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**

EC ₅₀ /48 h	>10,000 mg/l (daphnia)
	>100 mg/l (selenastrum capricornutum)
EC ₅₀ /72 h	275 mg/l (algae)
LC ₅₀ /96 h	15,300 mg/l (fathead minnow)
LC ₅₀ /48 h	>100 mg/l (golden orfe)

Persistence and Degradability: Readily biodegradable.**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	UN1987
ADG, IMDG, IATA	
Proper Shipping Name	ALCOHOLS, N.O.S. (Ethanol)
ADG, IMDG, IATA	
Dangerous Goods Class	3 Flammable liquids.
ADG Class:	
Packing Group:	II
ADG, IMDG, IATA	
EMS Number:	F-E,S-D
Hazchem Code:	•3YE
Special Provisions:	274

(Contd. on page 6)

Safety Data Sheet

according to WHS Regulations

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Revision: 05.04.2019

Product Name: SEPTDES GEL

(Contd. of page 5)

Limited Quantities: 1L

Packagings & IBCs - Packing Instruction: P001, IBC02

Portable Tanks & Bulk Containers - Instructions: T7

Portable Tanks & Bulk Containers - Special Provisions: TP1, TP8, TP28

15 Regulatory Information

Australian Inventory of Chemical Substances:

CAS: 64-17-5	Ethanol
CAS: 112-72-1	1-Tetradecanol

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

16 Other Information

Date of Preparation or Last Revision: 05.04.2019**Prepared by:** MSDS.COM.AU Pty Ltdwww.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)
 Flammable Liquids 2: Flammable liquids – Category 2
 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 - February 2016"

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