



1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: Natroshield Disinfectant Ready-To-Use Hospital Grade Disinfectant

Other means of identification: Natroshield Disinfectant RTU HGD

Recommended use of the chemical and restrictions on use: Hospital Grade hard surface disinfectant Ready to Use Strength.
Not to be used on medical devices or other therapeutic goods.
Do not mix with detergents or other chemicals.

Supplier: Effective Organics

Street address: 23 Bonnet Road, Mount Low, Qld, 4818

Telephone no.: +61 447 762 158

Website: www.natroshield.com.au

Emergency telephone: Poisons Information Centre 13 11 26 (24 hours)

2. HAZARDS IDENTIFICATION

Classification of the substance mixture: Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition).

Not classified as hazardous according to the classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion (v/v)
The components in this formulation are considered not to be hazardous and therefore are not required to be disclosed according to the WHS Regulations. Following is the information for the active constituent which is not classified as hazardous in this formulation.		
Lactic acid	50-21-5	0.12%
Octanoic acid	124-07-2	0.1%

4. FIRST AID MEASURES

If poisoning occurs, contact a Poisons Information Centre. Phone Australia 131126; New Zealand 0800 764 766 or a doctor. Have this SDS or the label with you.

Inhalation: No hazards which require special first aid measures. Remove to fresh air. Seek medical attention if irritation develops or symptoms persist.

Skin contact: No hazards which require special first aid measures. If this product comes in contact with skin, rinse with water. Seek medical attention if symptoms persist.

Eye contact: No hazards which require special first aid measures. If this product comes in contact with eyes, rinse out with water. Seek medical attention if symptoms persist.

Ingestion: No hazards which require special first aid measures. Rinse mouth with water, do not induce vomiting. Seek medical attention if irritation develops or symptoms persist.

First aid facilities: Eyewash and normal washroom facilities.

Medical attention and special treatment needed: Treat Symptomatically

5. FIRE FIGHTING MEASURES



Safety Data Sheet: Natroshield Disinfectant Ready-To-Use Hospital Grade Disinfectant

Date of Issue: 08 September 2021

Suitable extinguishing media:	The product is not flammable. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Specific hazards arising from the substance or mixture:	Not considered a significant fire risk, however containers may burn.
Special protective equipment and precautions for fire-fighters:	Keep containers cool by spraying with water if exposed to fire. If possible, remove containers from endangered area. Wear self-contained breathing apparatus and protective suit.
Additional Information:	Hazchem code - None

6. ACCIDENTAL RELEASE MEASURES

Personal precautions/ Protective equipment:	Refer to protective equipment as described in Section 8 of this safety data sheet.
Emergency procedures/ Environmental precautions:	In the event of a spill, prevent spillage from entering drains or water courses with absorbent material and call emergency services.
Methods and materials for containment and cleaning up:	Contain - prevent run off into drains and waterways. Stop leak if safe to do so and contain spill. Absorb onto sand, vermiculite or other suitable absorbent material. If spill is too large or if absorbent material is not available, try to create a dike to stop material spreading or going into drains or waterways. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage and dispose of promptly. Recycle containers wherever possible after careful cleaning. Refer to product label for specific instructions. After spills, wash area preventing runoff from entering drains.

7. HANDLING AND STORAGE

Precautions for safe handling:	Keep containers closed at all times - check regularly for leaks or spills. Transport and store upright. Avoid excessive skin and eye contact. Read label before use. Always remove contaminated clothing and wash hands before eating, drinking, smoking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.
Conditions for safe storage, including any incompatibilities:	Store in the original container, in a cool dry well-ventilated, place. Do not store in direct sunlight. Keep containers closed when not in use - check regularly for leaks. If container is damaged transfer contents to a PVC or polyethylene container. Make sure that the product does not come into contact with substances listed under 'Incompatibilities' in Section 10. Check packaging - there may be further storage instructions on the label.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters:	No value assigned for this specific material by Safe Work Australia. No biological limit allocated.
Appropriate engineering controls:	Handle in accordance with good industrial hygiene and safety practice.
Individual protection measures, such as Personal Protective Equipment (PPE):	See container label safety directions. 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.
Eye and face protection:	Avoid contact with eyes. Eye/face protection equipment is not needed under normal and intended conditions of product use. However, if protection is required, safety glasses/goggles with side shield protection may be worn, consult AS/NZS 1336 and AS/NZS 1337 for further information.
Skin protection:	Avoid excessive contact with skin. Skin protection equipment is not needed under normal and intended conditions of product use. However, if protection is required, gloves may be worn, consult AS/NZS 2161 and glove manufacturer for further information.



Safety Data Sheet: Natroshield Disinfectant Ready-To-Use Hospital Grade Disinfectant

Date of Issue: 08 September 2021

Respiratory protection:	Respiratory protective equipment is not needed under normal and intended conditions of product use. However, if protection is required, consult AS/NZS 1715 and AS/NZS 1716 for further information.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice. Always wash hands, arms and face thoroughly with soap and water before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment with detergent and warm water before storage or re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Colour:	Light brown, clear
Odour:	Distinct aromatic
pH:	3.5 – 4.0
Specific gravity:	1.00 @ 200 C
Melting point/Freezing point:	No information available. Liquid at normal temperatures.
Boiling point/range:	No information available.
Flash point:	Not flammable.
Upper Flammability Limit:	No information available.
Lower Flammability Limit:	No information available.
Evaporation point:	No information available.
Vapour pressure:	No information available.
Vapour density:	No information available.
Solubility:	Soluble in water.
Partition coefficient: n- octanol/water	No information available.
Auto-ignition temperature:	Not relevant.
Decomposition temperature:	No information available.
Viscosity:	No information available.

10. STABILITY AND REACTIVITY

Reactivity:	This product is unlikely to react or decompose under normal storage conditions.
Chemical stability:	Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Possibility of hazardous reactions:	The product is stable under recommended storage and handling conditions
Conditions to avoid:	Protect this product from light. Store in the closed original container in a dry, cool, well-ventilated area out of direct sunlight.
Incompatible materials:	Oxidising agents (chlorine, peroxide etc), strong alkalis.
Hazardous decomposition products:	Under normal use conditions no hazardous decomposition products are expected.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Not classified for acute toxicity.
Skin irritation:	Not a skin irritant according to available information.
Eye irritation:	Not an eye irritant according to available information.
Respiratory or skin sensitisation:	Not a skin sensitizer and not expected to be a respiratory sensitizer according to available information.
Germ cell mutagenicity:	Not suspected to cause genetic defects according to available information.
Carcinogenicity:	Not considered to be carcinogenic according to available information.
Reproductive toxicity:	No information available.
STOT-single exposure:	Not classified.
STOT-repeated exposure:	Not classified.
Aspiration hazard:	Not classified.
Chronic health effects:	Not expected to cause chronic health effects according to available information.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	Available information on this product is not available, however not expected to be harmful to the environment.
Persistence/Degradability:	Readily biodegradable.
Bio accumulative potential:	No information available, but not expected to bio-accumulate.
Mobility in soil:	No information available

13. DISPOSAL CONSIDERATIONS

Disposal methods:	Refer to Waste Management Authority. Dispose of contents/container in accordance with local/regional/national/international regulations.
--------------------------	--

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.
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.
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.

15. REGULATORY INFORMATION

Poison schedule (SUSMP):	Not scheduled.
TGA listing.:	ARTG 341990
AICIS Inventory:	All the constituents of this material are either listed on the Australian Inventory of Industrial Chemicals (Inventory), not required due to the nature of the chemical, or have been assessed under the Industrial Chemicals Act 2019 as amended.

16. OTHER INFORMATION

General information:	Read label before use.
Issue number:	006
Issue date:	08 September 2021
In any event, the review and, if necessary, the re-issue of an SDS shall be no longer than 5 years after the last date of issue.	
Reason(s) for issue:	Update SDS.
Literary reference:	None
Key abbreviations or acronyms used:	ADG Code - Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition) AICIS – Australian Industrial Chemicals Introduction Scheme APVMA – Agricultural Pesticides and Veterinary Medicines Australia GHS - Globally Harmonised System of Classification and Labelling of Chemicals (7 th revised edition) 2017 Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice STEL - Short term exposure limit means the average airborne concentration of a substance calculated over a 15-minute period. The STEL should not be exceeded at any time during a normal eight hour working day. STOT – Specific Target Organ Toxicity SUSMP - Standard for the Uniform Scheduling of Medicines and Poisons SWA - Safe Work Australia, formerly ASCC and NOHSC TWA - Time-weighted average means the average airborne concentration of a particular substance when calculated over an eight-hour working day, for a five-day working week. TGA – Therapeutic Goods Australia WHS – Workplace Health and Safety



Safety Data Sheet: Natroshield Disinfectant Ready-To-Use Hospital Grade Disinfectant

Date of Issue: 08 September 2021

The physical values and properties described in this SDS are typical values based on scientific literature and material produced to date and are believed to be reliable. The supplier provides no warranties, either expressed or implied and assumes no responsibility for the accuracy or completeness of the data contained herein. The information is supplied upon the condition that the persons receiving information will make their own determination as to the suitability for their purposes prior to use of this product. Due care should be taken to ensure that the use of this product and its disposal is in compliance with all relevant Federal, State and Local Government regulations.

End of SDS