1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: GERMICIDAL/DISINFECTANT
Manufacturer's Product Code: DISINFECTANT
Use: Germicidal and sanitizing disinfectant, to be used 1:10 dilution.

Allied Chemicals Pty Ltd
Unit 9/17 Lydia Court
Epping Vic 3076
Tel: 1300 349 651

2. HAZARDS IDENTIFICATION

Classified as hazardous according to the EU criteria

Hazard Category: Irritant (Xi)

Hazard Classification: HAZARDOUS SUBSTANCE, NON DANGEROUS GOODS.

Risk Phrases:
R36/38 Irritating to eyes and skin.

Safety Phrases:
S2 Keep out of reach of children.
S26 In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre.
S36 Wear suitable protective clothing.

Poison Schedule: S5
This material is a Scheduled **S5** Poison and must be stored, handled and used according to the appropriate regulations.

Warning Statement:
Avoid contact with skin and eyes. Wear appropriate protective clothing when handling concentrate.

3. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME	Proportion	CAS Number
ALKYL BENZYL AMMONIUM CHLORIDE	1 to < 10 %	68424-85-1
WATER AND OTHER NON-HAZARDOUS SUBSTANCES	Balance	Mixture

All other ingredients determined not to be hazardous according to the EU criteria.

4. FIRST AID MEASURES

Swallowed:
If swallowed, **DO NOT** induce vomiting. If conscious, give 1 to 2 glasses of water to drink. Seek urgent medical assistance.

Eye:
If liquid enters the eyes, flush with plenty of water for at least 15 minutes, ensuring eye lids are held open. If irritation persists, immediately transport to hospital or doctor.

Skin:
If liquid splashes onto the skin, remove any contaminated clothing and wash skin thoroughly with soap and water. If

irritation persists transport to hospital or doctor.

4. FIRST AID MEASURES (continued)

Inhaled:
Move victim to fresh air. Apply resuscitation if victim is not breathing .

First Aid Facilities:
Eye wash fountain, safety shower and normal wash room facilities.

Advice to Doctor:
Treat symptomatically.
In case of poisoning, contact Poisons Information Centre
In Australia call Tel: 131126
In New Zealand Tel: 034747000

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Use extinguishing media suitable for surrounding fire situation.
Hazards From Combustion Products: Primary decomposition products include oxides of carbon and nitrogen and noxious smoke.
Precautions for Fire Fighters and Special Protective Equipment: If safe to do so, move undamaged containers from fire area. Fire fighters to wear Self-contained breathing apparatus (SCBA) in confined spaces, in oxygen deficient atmospheres or if exposed to products of decomposition.

HAZCHEM CODE: None allocated.

Flammability
This material is not a flammable or combustible liquid.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures:
Caution! Material may be slippery when spilt. Walk cautiously. Ventilate area. Wear protective equipment to prevent skin and eye contact, as outlined under personal protection in this MSDS.

Methods and Materials for Containment and Clean Up Procedures:
Bund area using vermiculite or diatomaceous earth- to prevent run off into drains and waterways. Throw additional absorbent (vermiculite or diatomaceous earth) onto spill, then using shovel collect and seal in properly labeled containers for disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling:
Do not get product concentrate in eyes or on skin. Provide adequate ventilation.

Conditions for Safe Storage:
Store in a cool place and out of direct sunlight. Store away from acids and oxidizing agents. Keep containers closed when not using the product. Store in original packages as approved by manufacturer. For further information please refer to the Engineering Controls of this MSDS.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards

No exposure standards are available for this product, or any of the components according to the National Occupational Health & Safety Commission (NOHSC).

Engineering Controls
Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION (continued)

Personal Protection Equipment
GLOVES: Neoprene or nitrile when handling the concentrate.
EYES: Safety glasses.
RESPIRATORY PROTECTION: Avoid breathing of mists. Select and use respirators in accordance with AS/NZS 1715/1716. The use of a half-face respirator fitted with a organic vapour canister is recommended. Filter capacity and respirator type depends on exposure levels and type of contaminant.
If entering spaces where the airborne concentration of a contaminant is unknown then the use of a Self-contained breathing apparatus (SCBA) with positive pressure air supply complying with AS/NZS 1715 / 1716, or any other acceptable International Standard is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Coloured Liquid with mild odour.	**Boiling Point:**	Not available.
Vapour Pressure:	Not available.		
Specific Gravity:	Not available.		
Flash Point:	Not applicable.		
Flammability Limits:	Not applicable.		
Solubility in Water:	Soluble in water.		

Other Properties
pH: **>8**

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY:
Stable under normal conditions of use.

CONDITIONS TO AVOID:
Generation of high dust levels and incompatibles.

INCOMPATIBLE MATERIALS:
Strong mineral acids and oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS:
Primary decomposition products include oxides of carbon and nitrogen and noxious smoke.

HAZARDOUS REACTIONS:
Will not occur.

11. TOXICOLOGICAL INFORMATION

Classified as hazardous according to the EU criteria

Hazard Category: Irritant (Xi)

Hazard Classification: HAZARDOUS SUBSTANCE, NON DANGEROUS GOODS.

ACUTE HEALTH EFFECTS
Swallowed:
Swallowing large quantities may cause stomach cramps, vomiting and diarrhoea.

Eye:
Will cause irritation to the eyes, with effects including: tearing and blurred vision.

Skin:
Will cause irritation to the skin. Not anticipated to be absorbed through the skin.

11. TOXICOLOGICAL INFORMATION (continued)

Inhaled:
May cause irritation to the nose, throat and respiratory system.

Chronic: Prolonged or repeated skin contact may cause redding of skin and possible dermatitis in some sensitive individuals.

12. ECOLOGICAL INFORMATION

Ecotoxity:
No information for product.

Mobility:
No information for product.

Persistence / Degradability:
No information available.

Chemical Fate Information:
No information available.

No ecological information available for this product. Do not dispose of large quantities to waterways, drains or sewers.

13. DISPOSAL CONSIDERATIONS

Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor or at an approved landfill site.

14. TRANSPORT INFORMATION

UN Number: None allocated
Proper Shipping Name: NONE ALLOCATED
Dangerous Goods Class: None allocated
Subsidiary risk: None allocated
Packing Group: None allocated
Hazchem Code: None allocated

Road and Rail Transport:
Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code). Not classified as a Dangerous Good according to United Nations Transport regulations.

Marine Transport:
Not classified as a Dangerous Good according to the International Maritime Organization Rules (Maritime Dangerous Goods Code - IMDG Code) for transport by sea.

Air Transport:
Not classified as a Dangerous Good according to the International Civil Aviation Organization (ICAO) and International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. REGULATORY INFORMATION

Poison Schedule: S5
This material is a Scheduled **S5** Poison and must be stored, handled and used according to the appropriate regulations.

Inventory Status:

Inventory	*Status*
Australia (AICS)	Y

Y = All ingredients are on the inventory.

16. OTHER INFORMATION

Date of Preparation:

Issue Date: January, 19 2023

Reasons for Update:

1. Alignment with the 2nd Edition of National Code of Practice for the Preparation of Material Safety Data Sheets [NOHSC:2001(2003).
2. Changes and /or addition made to all sections.

Key Legend Information:
NOHSC - National Occupational Health & Safety Commission [Aust]
TWA - Time Weighted Average [Int]
STEL - Short Term Exposure Limit [Int]
AICS - Australian Inventory of Chemical Substances
EPA - Environmental Protection Agency [Int]
NIOSH - National Institute for Occupational Safety and Health [US]
AS/NZS 1715 - Selection, use and maintenance of respiratory protective devices. [Aust]
AS/NZS 1716 - Respiratory protective devices. [Aust]
IATA - International Aviation Transport Authority [Int]
ICAO - International Civil Aviation Organization
IMO - International Maritime Organisation. [Int]
IMDG - International Maritime Dangerous Goods
United Nations Recommendations for the Transport of Dangerous Goods and Globally Harmonized System for the classification and labelling of Chemicals. [Int]
EU - European Union
[Aust] = Australian
[Int] = International
[US] = United States of America

Principal References:
Information supplied by manufacturer, reference sources including the public domain.

Contact Point
Technical Manager: Goran Angeleski
Tel: 0412045295

Disclaimer
All information appearing herein is based upon data obtained from the raw material manufacturer and/or recognized technical sources. While the information above is believed to be true and accurate the author makes no representations as to it accuracy or sufficiency. Conditions of use are beyond Allied Chemicals control and therefore the users are responsible to verify this data under their own particular conditions, applications and regulations to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, disposal, reliance upon, publication or use of the information contained herein.

END OF MSDS