

SAFETY DATA SHEET



1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER	
Product Name	Equinade Heavy Duty Disinfectant Cleaner – Lavender Fragrance
Other Names	Disinfectant
Recommended Use	To disinfect
Company Name	Equinade Pty Ltd (ABN 90061175835)
Address	11 Aster Avenue, Carrum Downs, VIC, 3201
Emergency Contact	Tel: +61 3 9775 1290 (Monday to Friday 8:00am to 4:00pm)
National Poisons Centre Australia	Tel: 13 11 26 (24 hours a day)

2. HAZARDS IDENTIFICATION	
Hazard Classification	Non Hazardous according to criteria of Safe work Australia
Risk Phrases	No Data Available
Safety Phrases	No Data Available

3. COMPOSITION/INFORMATION ON INGREDIENTS		
Ingredients: Name	CAS Number	Proportion of ingredients
Quaternary ammonium compounds, di-c8-10 alkyldimethyl, chlorides	68424-95-3	<10 % (w/w)
Other ingredients, determined not to be hazardous according to Safe work Australia criteria, and not dangerous according to the ADG Code, make up the product concentration to 100%.		

4. FIRST AID MEASURES	
Inhalation	Remove victim from further exposure. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position. Seek medical attention if effects persist.
Ingestion	If swallowed DO NOT induce vomiting. Give a glass of water to drink. Seek immediate medical assistance or contact the Poisons Information Centre immediately.
Skin	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.
Eye	If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised by the Poisons Information Centre of a doctor, of for at least 15 minutes.
Advice to Doctor	Treat symptomatically.

5. FIRE FIGHTING MEASURES	
Extinguishing Media	Use water, 'alcohol' foam, dry chemical or carbon dioxide. Avoid using large quantities of water.
Hazards from Combustion Products	This product is not combustible under normal conditions. However, it will breakdown under fire conditions and the organic component may burn. Not considered to be a significant fire risk. Fumes containing carbon dioxide, carbon monoxide and sulfur dioxide may be formed in large fires. Keep containers cool by spraying with water to prevent pressure building up inside the drums, causing them to burst.
Special Protective Precautions and Equipment for Fire Fighters	Fire fighters should wear a positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots and gloves). Clear fire area of all non-emergency personnel. Stay upwind. Keep out of low areas. Eliminate ignition sources. DO NOT approach containers suspected to be hot. If safe to do so, move containers from path of fire. Prevent by any means available, spillage from entering drains or watercourses.
Flammability Conditions	This product is non-combustible.
Hazchem Code	Not Relevant

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6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Slippery when spilled. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and/or eye contamination and the inhalation of mists or aerosols. Do not allow product to reach drains, sewers or waterways. If product does enter a waterway, advise the Environmental Protection Authority or your local Waste Authority.
Methods and Materials for Containment and Clean Up	Contain spill using sand or soil. Carefully dilute with water (fine spray or fog). Wash down area with excess water. Prevent runoff into drains or watercourses.

7. HANDLING AND STORAGE

Precautions for Safe Handling	Ensure an eye bath and safety shower are available and ready for use. Observe good personal hygiene practices and recommended procedures. Wash thoroughly after handling. Take precautionary measures against static discharges by bonding and grounding equipment. Avoid contact with eyes, skin and clothing. Do not inhale product vapours.
Conditions of Safe Storage	Under normal weather conditions store in a well-ventilated area. Keep containers closed at all times when not in use. Check regularly for leaks. Remove drum bungs slowly to release any internal pressure.
Container Type	Store in original packaging as approved by manufacturer. SUITABLE: Plastic container, glass container, packaging as recommended by manufacturer. Check all containers are clearly labeled and free from leaks.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National Exposure Standards	No exposure standard has been established for this product by the Occupational Health and Safety Commission
Biological Limit Values	No information available on biological limit values for this product.
Engineering Controls	Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.
Personal Protective Equipment	RESPIRATOR: Wear a respirator with suitable filter for organic gases and vapors if engineering controls are inadequate (AS1715/1716) EYES: Safety glasses with side shields (AS1336/1337) HANDS: Wear impervious gloves (AS2161) CLOTHING: Long-sleeved protective clothing and safety footwear (AS3765/2210) Always wash hands before eating, drinking, smoking or using the toilet. Wash contaminated clothing and other protective equipment before storage and reuse.

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9. PHYSICAL AND CHEMICAL PROPERTIES	
Appearance	Clear Purple Liquid
Odour	Lavender Fragrance
pH	6 to 8 (as is)
Vapour Pressure	No data available
Vapour Density	1.01 grams/mL (approx)
Boiling Point	100°C (approx)
Melting Point	0°C
Solubility in Water	Miscible
Specific Gravity	No data available
Flash Point	Not Applicable
Ignition Temperature	Not Applicable
Viscosity	Not Applicable
Percent Volatile	Water only
Decomposition Temperature	Not Applicable

10. STABILITY AND REACTIVITY	
Chemical Stability	Incompatible with strong oxidizing agents.
Conditions to Avoid	May react with strong oxidants
Incompatible Materials	Strong oxidants
Hazardous Decomposition Products	Not Applicable
Hazardous Reactions	Not Applicable

11. TOXICOLOGICAL INFORMATION	
Toxicity Data	No adverse health effects expected if the material is handled in accordance with the Material Safety Data Sheet. Symptoms that may arise if the material is mishandled are:
Ingestion	This product is irritating to the gastro-intestinal tract. Ingestion may result in nausea, abdominal irritation, pain and vomiting.
Eye	An eye irritant. Contamination of the eyes may produce corneal damage.
Skin	Irritating to skin. On repeated or prolonged skin contact may lead to irritant contact dermatitis.
Inhaled	Not normally a hazard due to the non-volatile nature of the product. The vapour or mist is irritating.

12. ECOLOGICAL INFORMATION	
Ecotoxicity	Minor spills and residue may be hosed down with excess water to trade waste treatment plant. Major spills should be contained, absorbed by sand or earth and placed in sealed plastic or epoxy-lined drums for disposal.
Persistence & Degradability	No information available on persistence/degradability for this product.
Mobility	No information available on mobility for this product.
Environmental Fate	Avoid contaminated waterways.
Bioaccumulative Potential	No information available on bioaccumulation for this product.

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13. DISPOSAL CONSIDERATIONS	
Disposal	Dispose of in accordance with all local, state and federal regulations. All empty packaging should be disposed of in accordance with Local, State and Federal Regulations of recycled/reconditioned at an approved facility.
Special Precautions for Land Fill or Incineration	Contact a specialist disposal company or the local waste regulator for advice. Normally suitable for disposal at approved land waste site.

14. TRANSPORT INFORMATION	
Road Transport – Australia	
Regulation	ADG Code
UN Number	Not Applicable
Shipping Name	Equinade Heavy Duty Disinfectant Cleaner Lavender Fragrance
Dangerous Goods Class	Not Applicable
Subsidiary Risk(s)	Not Applicable
Pack Group	Not Applicable
Hazchem Code	Not Applicable
Road Transport – New Zealand	
Regulation	NZS5433
Shipping Name	Equinade Heavy Duty Disinfectant Cleaner Lavender Fragrance
UN Number	Not Applicable
Dangerous Goods Class	Not Applicable
Subsidiary Risk(s)	Not Applicable
Pack Group	Not Applicable
Hazchem Code	Not Applicable
EPG	Not Applicable
Special Precaution for User	Not Applicable
Sea Transport	
Regulation	IMDG
Shipping Name	Equinade Heavy Duty Disinfectant Cleaner Lavender Fragrance
UN Number	Not Applicable
Dangerous Goods Class	Not Applicable
Subsidiary Risk(s)	Not Applicable
Pack Group	Not Applicable
Hazchem Group	Not Applicable
EPG	Not Applicable

15. REGULATORY INFORMATION	
Based upon information, classified as non hazardous according to criteria or Safe Work Australia	
Poisons Schedule	Not Applicable
AICS Name	Not Applicable
NZ Toxic Substance	Not Applicable
HSNO Hazard Classification	Not Applicable
ERMA Approval Code	Not Applicable

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16. OTHER INFORMATION	
Preparation Date	May 2019
Literature References	No Data Available
Sources for Data	No Data Available
Legend to Abbreviations and Acronyms	
<	Less than
>	Greater than
ADG	Australian Dangerous Goods Code
AICS	Australian Inventory of chemical Substances
CAS	Chemical Abstracts Service (Registry Number)
cm ²	Square centimeters
CO ₂	Carbon Dioxide
COD	Chemical Oxygen Demand
° deg C	Degrees Celsius
ERMA	Environmental Risk Management Authority
g	Gram
g/cm ³	Grams per cubic centimeter
g/l	Grams per litre
HSNO	Hazardous Substance and new Organism
IATA	International Air Transport Association Dangerous Goods Regulations
IDLH	Immediately Dangerous to Life and Health
IMDG	International Maritime Dangerous Goods Code
Immiscible	Liquids are insoluble in each other
kg	Kilogram
kg/m ³	Kilograms per cubic meter
LC50	LC stands for Lethal Concentration. LC50 is the concentration of material in air which causes the death of 50% (one half) of a group of test animals. The material is inhaled over a set period of time, usually 1 or 4 hours.
LD50	LD stands for Lethal Dose. LD50 is the amount of material, given all at once, which causes the death of 50% (one half) of a group of test animals.
ltr	Litre
m ³	Cubic meter
mbar	Millibar
mg	Milligram
mg/24h	Milligrams per 24 hours
mg/kg	Milligrams per kilogram
mg/m ³	Milligrams per cubic meter
Misc	Miscible
Miscible	Liquids form one homogeneous liquid phase regardless of the amount of either component present
mm	Millimeter
mPa.s	Milli Pascal per second
NOHSC	National Occupational Health and Safety Commission
OECD	Organization for Economic Co-operation and Development
PEL	Permissible Exposure Limit
ppb	Parts per billion
ppm	Parts per million
ppm/2h	Parts per million per 2 hours
ppm/6h	Parts per million per 6 hours
RCP	Reciprocal Calculation Procedure
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
tne	Tonne
TWA	Time Weighted Average
ug/24h	Micrograms per 24 hours
UN	United Nations (number)

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wt	Weight
Disclaimer	<i>Data provided is to the best of Equinade Pty Ltd knowledge and believe to be accurate and reliable as of the date of issue. However no expressed or implied warranties are given. Equinade Pty Ltd cannot anticipate or control the conditions under which this information may be used. Therefore, it is the user's responsibility to satisfy themselves as to the suitability and completeness of such information for their particular use. It is the responsibility of the user to ensure that the issue is current. This information given is a non-controlled document.</i>