



Safety Data Sheet

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Date of Issue:	11 April 2018
Product Name:	Heavy Duty Cleaner; Industrial Grade Cleaner; 3 in 1 Cleaner; Focus
Synonym(s):	HDC5; HDC20; HDC200
Product Use(s):	Commercial type 3 in 1 disinfectant, deodorant and cleaner.
Uses advised against:	Use only for intended applications.
Supplier Contact Details:	Ecospill Pty Ltd ABN: 45 144 563 977 PO Box 5592 Brendale BC QLD 4500 Ph: 07 3881 0554 Web: www.ecospill.com.au
Emergency Contact Phone	0428 835 855 (24hrs) of Poisons Information 131126.

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture:	Physical Hazards: Not classified. Health Hazards: Not classified. Environmental Hazards: Not Classified.
Label Elements:	Not classified.
Hazard Statements:	Not classified.
Other Hazards:	This product does not contain any substances classified as PBT or vPvB.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substances / Mixtures

Ingredient	CAS Number	Classification	Content
BENODODECINIUM CHLORIDE	139-07-1 M Factor (Acute) = 10	Acute Tox. 4-H302 Acute Tox. 4-H312 Skin Corr. 1B-H314 Eye Dam. 1-H318 Aquatic Acute 1-H400	<1%

The full text for all hazard statements is displayed in Section 16.

4. FIRST AID MEASURES

Description of First Aid Measures

General Information

Get medical attention if any discomfort continues. For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once).

Eye

If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.

Inhalation

No specific recommendations. If throat irritation or coughing persists, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Loosen tight clothing such as collar, tie or belt. Apply artificial respiration if not breathing. Get medical attention if symptoms are severe or persist.



Skin	No specific recommendations. Rinse with water. Get medical attention if any discomfort continues.
Ingestion	No specific recommendations. If throat irritation or coughing persists, proceed as follows. Rinse mouth thoroughly with water. Do not induce vomiting unless under the direction of medical personnel. For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once).
Protection of first aiders	First aid personnel should wear appropriate protective equipment appropriate for surrounding materials.
Most important symptoms and affects, both acute and delayed:	
General Information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	No specific symptoms known. Spray/mists may cause respiratory tract irritation.
Ingestion	No specific symptoms known. May cause discomfort if swallowed.
Skin contact	No specific symptoms known. May cause discomfort.
Eye contact	No specific symptoms known. May be slightly irritating to eyes.
Immediate medical attention and special treatment:	Notes for the doctor: Treat symptomatically. No special treatment required.

5. FIRE FIGHTING MEASURES

Extinguishing media:	This product is not flammable. Extinguish with alcohol-resistant foam, Dry agent, carbon dioxide or water fog. Use fire-extinguishing media suitable for the surrounding fire. Prevent contamination of drains and waterways.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Special hazards arising from the substance or mixture:	
Specific hazards:	Containers can burst violently or explode when heated, due to excessive pressure build up.
Hazardous combustion products	Thermal decomposition or combustion products may include the following substances: harmful gases or vapours.
Advice for firefighters	Avoid breath fire gases or vapours. Evacuate area and contact emergency services. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Cool containers exposed to heat with water fog and remove them for the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water fog to disperse vapours and protect persons stopping the leak. Control run-off water by containing and keeping it out of sewers, storm water channels and watercourses. If risk of water pollution occurs, notify appropriate authorities.
Special protective equipment for firefighters:	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to Australia/New Zealand Standards AS/NZS 4967 (for clothing), AS/NZS 1801 (for helmets), AS/NZS 4821 (for protective boots), AS/NZS 1801 (for protective gloves) will provide a basic level of protection for chemical incidents.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	
Personal Precautions:	No specific recommendations. For personal protection see Section 8
Environmental Precautions:	Prevent product from entering drains and waterways.
Methods of Cleaning Up:	Reuse or recycle products wherever possible. Absorb spillage to prevent material damage. Flush contaminated area with plenty of



water. Wash thoroughly after dealing with a spillage, being sure that no spillage enters into waterways or storm water drains. Dispose of contents/container in accordance with national regulations.

Reference to other sections:

For personal protection: see section 8.

7. HANDLING AND STORAGE

Precautions for safe handling:

Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimize spills. Keep container tightly sealed when not in use. Avoid the formation of mists. Avoid discharge to the aquatic environment.

Advice on general occupational hygiene:

Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas. Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash it before reuse.

Condition for safe storage, including any incompatibles:

No specific recommendations.

Storage Class:

Unspecified storage.

Specific end use(s):

The identified uses for this product are detailed in Section 1.2.

8. EXPOSURE CONTROLS / PROTECTION

Control parameters:

Exposure / Engineering Controls:

No specific ventilation requirements.

PPE:

Eye/Face

No specific eye protection required during normal use. In the event of a large spillage: eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

Hands

No specific hand protection recommended. Large spillages: wear protective gloves.

Body & Other Skin

No specific clothing protection recommended.

Respiratory

No specific recommendations. Provide adequate ventilation. Large spillages: If ventilation is inadequate, suitable respiratory protection must be worn.

Hygiene Measures

Wash hands thoroughly after handling. Wash at the end of each work shift and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product.

Environmental Exposure Controls

Not regarded as dangerous for the environment. However, spillages should not be washed into aquatic environments.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties:

Appearance

BLUE COLOURED LIQUID

Odour

FRAGRANT

Flammability

NON FLAMMABLE

Specific gravity

1.0

Solubility (water)

SOLUBLE IN WATER

10. STABILITY AND REACTIVITY

Reactivity:

There are no known reactivity hazards associated with this product.

Chemical stability:

Stable under recommended conditions of storage. Stable at normal ambient temperatures and when used as recommended.



Possibility of hazardous reactions:	No potentially hazardous reactions known.
Conditions to avoid:	There are no known conditions that are likely to result in a hazardous situation.
Incompatible materials:	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
Hazardous decomposition products:	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: harmful gases or vapours.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity - Oral	Based on available data the classification criteria are not met.
Acute toxicity - Dermal	Based on available data the classification criteria are not met.
Acute toxicity - Inhalation	Based on available data the classification criteria are not met.
Skin corrosion / irritation	Based on available data the classification criteria are not met.
Serious Eye Damage / irritation	Based on available data the classification criteria are not met.
Respiratory Sensitisation	Based on available data the classification criteria are not met.
Skin Sensitisation	Based on available data the classification criteria are not met.
Germ cell mutagenicity	Based on available data the classification criteria are not met.
Carcinogenicity	Based on available data the classification criteria are not met.
IARC carcinogenicity	None of the ingredients are listed or exempt.
Reproductive Toxicity - Fertility	Based on available data the classification criteria are not met
Reproductive Toxicity - Development	Based on available data the classification criteria are not met
STOT – single exposure	Not classified as causing organ damage from single exposure.
STOT – repeated exposure	Not classified as causing organ damage from repeated exposure.
Aspiration	Based on available data the classification criteria are not met.
General Information	No specific health hazards known. The severity of the symptoms described will vary dependent of the concentration and length of exposure.
Inhalation	No specific symptoms known. Spray/mists may cause respiratory tract irritation.
Ingestion	No specific symptoms known. May cause discomfort if swallowed.
Skin Contact	No specific symptoms known. May cause discomfort.
Eye Contact	No specific symptoms known. May be slightly irritating to eyes.
Route of entry	Ingestion, inhalation, skin and / or eye contact.
Target Organs	No specific target organs known.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.
Toxicity	Based on available data the classification criteria are not met.
Persistence and degradability	The degradability of the product is not known.
Bioaccumulative potential	No data available on bioaccumulation.
Mobility in soil	No data available.
Other adverse effects	None known.

13. DISPOSAL CONSIDERATIONS

Waste Treatment methods	
General Information	The generation of waste should be minimized or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way.
Disposal methods	Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty



containers, discarded work cloths and contaminated cleaning materials should be collected in designated containers, labelled with their contents.

Legislation

Dispose of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE, IMDG OR IATA

	LAND TRANSPORT (ADG)	SEA TRANSPORT (IMDG / IMO)	AIR TRANSPORT (IATA / ICAO)
UN Number	None Allocated	None Allocated	None Allocated
Proper Shipping Name	None Allocated	None Allocated	None Allocated
Transport Hazard Class	None Allocated	None Allocated	None Allocated
Packing Group	None Allocated	None Allocated	None Allocated
Environmental hazards	Not applicable.		
Special precautions for user	Not applicable.		
Hazchem code	None Allocated		

15. REGULATORY INFORMATION

Safety health and environmental regulations / legislation specific for the substance or mixture

Poison schedule

A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

Classifications

Safety Australia criteria is based on the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals. The classifications and phrases listed below are based on the Approved Criteria for Classifying Hazardous Substances [NOHSC: 1008 (2004)].

Hazard codes

None allocated.

Risk phrases

None allocated.

Safety phrases

None allocated.

Inventory listings

AUSTRALIA: AICS (Australian Inventory of Chemical Substances): All components are listed on AICS, or are exempt.
EUROPE: EINECS (European Inventory of Existing Chemical Substances)
All components are listed on AICS, or are exempt.

16. OTHER INFORMATION

Additional information:

ONLY TRAINED PERSONNEL SHOULD USE THIS MATERIAL.

WORKPLACE CONTROLS AND PRACTICES:

Unless a less toxic chemical can be substituted for a hazardous substance, **ENGINEERING CONTROLS** are the most effective way of reducing exposure. The best protection is to enclose operations and/or provide local exhaust ventilation at the site of chemical release. Isolating operations can also reduce exposure. Using respirators or protective equipment is less effective than the controls mentioned above, but is sometimes necessary.

EXPOSURE STANDARDS - TIME WEIGHTED AVERAGE (TWA) or WES (WORKPLACE EXPOSURE STANDARD) (NZ):

Exposure standards are established on the premise of an 8-hour work period of normal intensity, under normal climatic conditions and



where a 16-hour break between shifts exists to enable the body to eliminate absorbed contaminants. In the following circumstances, exposure standards must be reduced: Strenuous work conditions; hot, humid climates; high altitude conditions; extended shifts (which increase the exposure period and shorten the period of recuperation).

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

HEALTH EFFECTS FROM EXPOSURE:

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

General Information

The following risk and hazard statements are to be considered a glossary. They relate to the raw materials used in this product and therefore may not be accurate for the finished product itself. For the complete risk and hazard statements for this product please refer to section 2 of this Safety Data Sheet.

Hazard Statements in full

- H302 Harmful if swallowed
- H312 Harmful in contact with skin
- H314 Causes severe skin burns and eye damage
- H318 Causes serious eye damage
- H400 Very toxic to aquatic life

Abbreviations

ACGIH	American Conference of Governmental Industrial Hygienists
CAS #	Chemical Abstract Service number – used to uniquely identify chemical compounds
CNS	Central Nervous System
EC No.	European Community Number
EMS	Emergency Schedules (Emergency Procedures for Ships Carrying Dangerous Goods)
GHS	Globally Harmonised System
GTEPG	Group Text Emergency Procedure Guide
IARC	International Agency for Research on Cancer
LC50	Lethal Concentration, 50% / Median Lethal Concentration
LD50	Lethal Dose, 50% / Median Lethal Dose
Mg/m ³	Milligrams per Cubic Metre
OEL	Occupational Exposure Limit
pH	Relates to hydrogen ion concentration using a scale of 0 (highly acidic) to 14 (highly alkaline).
PPM	Parts Per Million
STEL	Short-Term Exposure Limit



STOT-RE	Specific target organ toxicity (repeated exposure)
STOT-SE	Specific target organ toxicity (single exposure)
SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons
SWA	Safe Work Australia
TLV	Threshold Limit Value
TWA	Time Weighted Average

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[End of SDS]