ecospill® smarter environmental solutions

environmental safety equipment

Safety Data Sheet

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Date of Issue: 11 April 2018

Product Name: **Heavy Duty Truck Wash; Truckin Blue**
Synonym(s): **HDTW5; HDTW20; HDTW200**

Product Use(s): General purpose heavy duty cleaner, suitable for high pressure or manual cleaning. Use only for intended applications.

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2. HAZARDS IDENTIFICATION

Classification of the substance or mixture:
Physical Hazards: Not classified.
Health Hazards: Skin Irrit. 2-H315; Skin Sens. 1-H317.
Environmental Hazards: Not Classified.

Label Elements: Pictogram: Signal Word: Warning

Hazard Statements:
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.

Precautionary statements:
P261 Avoid breathing vapour/spray.
P264 Wash contaminated skin thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves/ protective clothing / eye protection / face protection.
P302+P352 If on skin: Wash with plenty of soap and water.
P321 Specific treatment (see medical advice on this label).
P332+P313 If skin irritation occurs: Get medical advice / attention.
P332+P313 If skin irritation or rash occurs: Get medical advice / attention.
P362+P364 Take off contaminated clothing and wash before reuse.
P501 Dispose of contents / container in accordance with national regulations.

Contains: Dodecylbenzenesulphonic acid, Etidronic Acid

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
DODECYLBENZENESULPHONIC ACID	27176087-0	Acute Tox. 4-H302 Skin Corr. 1B-H314 Eye Dam. 1-H318	1-10%
COCONUT DIETHANOLAMIDE	68603-42-9	Skin Irrit. 2-H315 Eye Irrit. 2A-H319	1-10%
SODIUM METASILICATE PENTAHYDRATE	10213-79-3	Met. Corr. 1-H290 Skin Corr. 1B-H314	1-10%

		STOT SE 3-H336	
ETIDRONIC ACID	2809-21-4	Met. Corr. 1-H290 Acute Tox. 4_H302 Eye Dam. 1-H318	1-10%
BRONOPOL (INN)	52-517 M Factor (Acute) = 10	Acute Tox. 4-H302 Acute Tox. 4-H312 Skin Irrit. 2_H315 Eye Dam. 1-H318 STOT SE 3-H335 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 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 If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water, soap or recognized skin cleansing agent. Get medical attention if symptoms persist after washing.

Ingestion 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 during any rescue.

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.

Ingestion May cause sensitization or allergic reactions in sensitive individuals. May cause irritation.

Skin contact May cause skin sensitization or allergic reactions in sensitive individuals. Redness. Irritating to skin.

Eye contact Causes serious eye damage. Symptoms following overexposure may include the following: pain, profuse watering of the eyes, redness.

Immediate medical attention and special treatment: Treat symptomatically. May cause sensitization or allergic reactions in sensitive individuals.

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. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. 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:	Wear Personal Protective Equipment (PPE) as detailed in section 8 of the SDS. No action shall be taken without appropriate training or involving any personal risk. Avoid contact with skin and eyes.
Environmental Precautions:	Prevent product from entering drains and waterways.
Methods of Cleaning Up:	Wear Personal Protective Equipment (PPE) as detailed in section 8 of the SDS. Clean up spills immediately and dispose of waste safely. Do not use sawdust or other combustible material. Small Spillages: Collect spillage. Large Spillages: Absorb spillage with non-combustible, absorbent material. The contaminated absorbent may pose the same hazard as the spilled material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13.
Reference to other sections:	For personal protection: see section 8. For health hazards: see section 11. For ecological hazards: see section 12. For exposure controls: see section 8. For Disposal: see section 13.

7. HANDLING AND STORAGE

Precautions for safe handling:	Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this SDS. 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. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse empty containers
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:	Keep only in the original container. Keep container tightly closed in a cool, well ventilated place. Keep containers upright. Protect containers from damage.
Storage Class:	Chemical Storage.
Specific end use(s):	The identified uses for this product are detailed in Section 1.2.

8. EXPOSURE CONTROLS / PROTECTION

Control parameters:

Exposure Controls:

Engineering Controls:	Provide adequate ventilation. Observe any occupational exposure limits for the product or ingredients.
PPE:	
Eye/Face	Wear tight-fitting, chemical splash goggles or face shield. If inhalation hazards exist, a full- face respirator may be required instead.
Hands	Wear protective gloves. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with AS/NZS 2161. Considering the data specific by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as nay deterioration is detected. Frequent changes are recommended.
Body & Other Skin	May cause skin sensitization or allergic reactions in sensitive individuals. Wear appropriate clothing to prevent repeated or prolonged skin contact.
Respiratory	Ensure all respiratory protective equipment is suitable for its intended use and complies with AS/NZS 1716. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges should comply with AS/NZS 1716. Half mask and Full face mask respirators with replaceable filter cartridges should comply with AS/NZS 1716.
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	Keep container tightly sealed when not in use. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties:

Appearance	SLIGHTLY VISCOUS, BLUE LIQUID
Odour	PINE
Flammability	NON FLAMMABLE
Specific gravity	1.06
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. ATE oral (mg/kg): 7,568.19
Acute toxicity - Dermal	Based on available data the classification criteria are not met.
Acute toxicity - Inhalation	Based on available date the classification criteria are not met.
Skin corrosion / irritation	Irritating.
Serious Eye Damage / irritation	Eye Dam. 1-H318 Causes serious eye damage.
Respiratory Sensitisation	Based on available data the classification criteria are not met.
Skin Sensitisation	May cause skin sensitization or allergic reactions in sensitive individuals.
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	Contains a substance/a group of substances which may cause cancer. IARC Group 1 Carcinogenic to humans.
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	The severity of the symptoms described will vary dependent of the concentration and length of exposure.
Inhalation	No specific symptoms known.
Ingestion	May cause sensitization or allergic reactions in sensitive individuals. May cause irritation.
Skin Contact	May cause sensitization or allergic reactions in sensitive individuals. Redness. Irritating to skin.
Eye Contact	Causes serious eye damage. Symptoms following over exposure may include the following: Pain. Profuse watering of the eyes. Redness.
Route of entry	Ingestion, inhalation, skin and / or eye contact.
Target Organs	No specific target organs known.
Medical Considerations	Skin disorders and allergies.

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. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.

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 No information provided
Special precautions for user No information provided
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

H290 May be corrosive to metals
H302 Harmful if swallowed
H312 Harmful in contact with skin
H314 Causes severe skin burns and eye damage
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H318 Causes serious eye damage
H319 Causes serious eye irritation
H335 May cause respiratory irritation
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/m3	Milligrams per Cubic Metre
	OEL	Occupational Exposure Limit
	pH	Relates to hydrogen ion concentration using a scale of 0 (high 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]