Safety Data Sheet

HT-18

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND SUPPLIER

Product Name	**HT-18**
Recommended Uses	Truck Wash
Supplier	Hygiene Technologies Ltd
Street address	28 Rangitane Road Hastings
Telephone Number	(06) 876 4111
Facsimile	(06) 878 3802
Emergency Telephone	NZ Fire Service - 111 National Poisons Centre – 0800 764 766 (0800 POISON)

2. HAZARDS IDENTIFICATION

Dangerous Goods	This product is not classified as a Dangerous Good according to NZS 5433:2020 Transport of Dangerous Goods on Land
Hazardous Substances	Classified as hazardous according to criteria in GHS 7.
GHS	Eye irritation – Category 2A Skin irritation – Category 2
SIGNAL WORD	**WARNING**
Pictograms	Exclamation Mark
Group Standard 2020	HSR002530
Hazard Statements	H319 Causes serious eye irritation. H315 Causes skin irritation.
Precautionary Statements	
Prevention	P264 Wash hands thoroughly after handling. P280 Wear eye protection and protective gloves.
Response	P305 + P351 + P338 + P337 + P313 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor. P302 + P352 + P332 + P313 + P362 + P364 IF ON SKIN: Wash with plenty of soap and water. Specific treatment (see section 4 of the SDS). If skin irritation occurs: Get medical advice. Take off contaminated clothing and wash before
Storage	N/A
Disposal	N/A
General	P102 Keep out of reach of children. P103 Read label before use.



3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Number	Proportion
Surfactants	Proprietary	10-30%
Ingredients classified as non-hazardous at the concentrations used.	Various	To 100%

4. FIRST AID MEASURES

For advice, contact National Poisons Information Centre (Phone 0800 764 766) or a doctor If medical advice is needed, have product container or label at hand.

Swallowed	Do NOT induce vomiting. Rinse mouth with water. Give water to drink to achieve dilution. Call a POISON CENTRE or doctor if you feel unwell.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, contact a doctor.
Skin Contact	First aid is not normally required. However, if skin irritation develops, take off all contaminated clothing. Wash affected area with copious volumes of water. If clothing is contaminated, remove and wash before reuse.
Inhaled	Not a likely route of exposure due to product's physical properties. Remove to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, call a POISON CENTRE or doctor.
Advice to Doctor	Treat symptomatically. Refer to National Poisons and Hazardous Chemicals Information Centre 0800 764 766.

5. FIRE-FIGHTING MEASURES

Specific Hazard	Non-combustible material. The product may decompose in a fire, giving off toxic fumes.
Suitable Extinguishing Media	This product is non-combustible. If material is involved in a fire, use media appropriate for surrounding fire conditions. Safe to use water spray, jet, fog, foam, CO_2, or dry chemical powder to extinguish a fire in the vicinity.
Fire/Explosion Hazards	Non-combustible, however following evaporation of aqueous component, residual material can decompose if involved in a fire, emitting toxic fumes. If safe to do so, remove containers from path of fire. Fire fighters to wear self-contained breathing apparatus (SCBA) and suitable protective clothing if risk of exposure to products of decomposition.
Hazchem Code	N/A

6. ACCIDENTAL RELEASE MEASURES

Avoid walking through spilled product as it may be slippery. Stop leak if safe to do so. Do NOT let product reach drains or waterways. If contamination of sewers or waterways has occurred, advise local emergency services. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact. Contain minor (less than 100L) from local drainage with any suitable bund or barrier. Soak up spilled product using absorbent non-combustible material such as mineral sponge, paper, rags, sand or soil. Avoid using sawdust or cellulose. When saturated, collect material into suitable, clearly labeled, dry, sealable containers and hold for safe disposal. Once pick up is complete, flush spill site with plenty of water to eliminate any residue. Large spills from drums and IBCs should be contained from drains and diluted with water where possible. Alert the local Fire Brigade. Collect absorbed material in drums which can be closed and sent to landfill. Hold any contaminated water for disposal by a waste disposal contractor. If material does enter drains, alert the local drainage authorities.

7. HANDLING AND STORAGE

Handling advice	Prevent damage to containers. Should packaging be damaged, repack into clean and dry containers of the same type and mark the product name carefully on the container. Before use, carefully read the product label. Avoid eye contact with concentrated material. Wash hands thoroughly after handling. Wear protective gloves, eye protection and overalls when handling bulk product. Contaminated work clothing should not be allowed out of the workplace after handling bulk product. Avoid release to the environment.
Storage advice	Store in a cool, dry well-ventilated area, away from direct sunlight, heat sources, and food stuffs. Ensure containers are correctly labelled, protected from physical damage, sealed when not in use and stored upright. Check regularly for leaks, spills etc. Keep out of reach of children. Keep containers closed when not in use. Store in original packaging as approved by manufacturer. Do not use empty containers for the storage of foodstuffs.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace Exposure Guidelines No value assigned for this specific material by the NZ Occupational Safety and Health Services (OSH).

Engineering Controls Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.

Personal Protective Equipment Not normally required. However, the following may be considered when handing the product in bulk. Wear chemical resistant disposable gloves and safety glasses. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Green, viscous, opaque liquid
Odour	Nil
Solubility	Dispersible, with solids settling
Specific Gravity	No information available.
Flash Point (^{0}C)	Not applicable
pH	7.5 – 8.5
Freezing Point	<0ºC
Boiling Point	>100ºC
Vapour Pressure	Not available

10. STABILITY AND REACTIVITY

Stability Product is stable under directed conditions of use, storage and temperature.

Reactivity No adverse reactions anticipated, however avoid contamination with oxidising substances and storage at elevated temperatures. Hazardous polymerisation will not occur. Combustion will release oxides of carbon and nitrogen.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Swallowed May cause abdominal pain, nausea, diarrhoea and gastrointestinal irritation.

Eye Contact Expected to cause eye irritation.

Skin Contact Contact with skin may result in irritation.

Inhaled Not a likely route of exposure.

Long Term Effects No information available for the product.

Toxicological Data No LD_{50} data available for this product.

12. ECOTOXICOLOGICAL INFORMATION

Aquatic toxicity: Not expected to be harmful to aquatic species when used as directed. Avoid contaminating waterways.

13. DISPOSAL

Recycle wherever possible. Whatever cannot be saved for recovery or recycling should be sent to an approved waste disposal contractor for disposal in an approved waste facility. Processing, use or contamination of this product may change the waste management options. Dispose of container and unused contents using an approved waste disposal contractor. Care should be taken to ensure compliance with national and local regulations. This product is NOT for unauthorised disposal by either landfill or via municipal sewers. Not to be discharged to drains, natural streams or rivers.

Special Precautions: Empty drums should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Observe all safeguards on label and in this SDS until container is cleaned, reconditioned or destroyed. Decontaminate empty containers with water. Dispose of container and unused contents in accordance with local authority requirements.

14. TRANSPORT INFORMATION

Transport of Dangerous Goods Pictograms: Nil

Road and Rail Transport	Not classified as a Dangerous Good according to NZS 5433:2020 Transport of Dangerous Goods on Land.
Marine Transport	Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.
Air Transport	Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. REGULATORY INFORMATION

ERMA (NZ) Approval Code	N/A
Group Standard 2020	HSR002530

For more information refer to the ERMA website: www.epa.govt.nz

16. OTHER INFORMATION

This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, expressed or implied, as to the accuracy of the information contained herein. Actual conditions of use and handling are beyond seller's control. The User is responsible to evaluate all available information when using the product for any particular use and to comply with all the current legislation.