



SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: Anti-Bacterial Hand Gel
 Product Code: GRS8
 Product Use: For sanitizing hands in a work environment.

New Zealand Supplier: NZYME NZ Limited
 Address: Unit 12, 930 Great South Road
 Penrose, Auckland

Telephone: 09 2735039

Emergency Telephone: 0800 POISON (0800 764 766)

Date of MSDS Preparation: March 2019

Section 2. Hazards Identification
Potential Health Effects

WARNING
H226 Flammable liquid and vapour

Swallowed Moderately toxic can result in nausea, vomiting and abdominal pain.

Eyes Moderate to strong irritant

Skin Not considered a hazard. Prolonged contact will have a degreasing effect

Section 3. Composition / Information on Ingredients

This product represents a low toxicological hazard based on the nature and amounts of ingredients. Combustible liquid

Ingredient	Proportion (% mass)	Cas No
Water	<27	7732-18-5

Base Carbomer	<1	Not Given
Ethanol	>70	64-17-5
Triethanolamine	<1	102-71-6
Tromethylhexadecylammonium Chloride	<1	112-02-7

Section 4. First Aid Measures

Routes of Exposure:

Eye	Flush with cold water for at least 15 minutes. Seek medical attention if problems persists
Skin	Flush with plenty of water until no evidence of product remains
Ingestion	Do not induce vomiting. Give nothing by mouth. If patient continues to be distressed seek medical attention immediately
Inhalation	Remove to fresh air. If breathing is difficult seek medical attention immediately

Section 5. Fire Fighting Measures

Suitable Extinguishing media	Foam, water fog or spray, chemical powder, carbon dioxide
Fire and Explosion hazards	Combustible Liquid
Fire Fighting Instructions	Standard procedures for fire fighting

Section 6. Accidental Release Measures

Land Spill or Leaks	Small spills or leaks can be collected for domestic rubbish disposal. Large spills or leaks should be shovelled or pumped into clean containers for decontamination and reuse.
Water	Small spills and leaks should not pose any long term effects to aquatic environment. Large spills should be advised to the nearest regional council pollution officer to assist with containment and remediation.

Section 7. Handling and Storage

Handling Advice: No protective clothing required. Natural ventilation should be adequate under normal use conditions. Spillages are extremely slippery.

Storing Procedures: Store away from high temperatures and sunlight. Do not store near to food or feedstuffs. Keep containers closed at all times – check bulk amounts regularly for leaks. Keep away

Section 8 Exposure Controls / Personal Protection

Engineering Controls: Natural ventilation should be adequate under normal use conditions

Personal Protective Equipment: Advisable to wear goggles for bulk handling

Section 9 Physical and Chemical Properties

Physical State: Thick Liquid
 Colour: Clear
 Odour: Mild
 pH: Neutral
 Solubility in water: Soluble
 Flash Point 22C

Section 10. Stability and Reactivity

Chemical Stability Chemically stable
 Conditions to Avoid High temperatures and sunlight sources of ignition
 Incompatibility Acids, alkalis and strong oxidizers
 Hazardous Decomposition Products Carbon monoxide in a fire

Section 11 Toxicological Information

Acute Oral Toxicity LD₅₀ Rat (oral) >5000 mg/kg body weight
 Acute Dermal Toxicity LD₅₀ Rat (dermal) >5000 mg/kg body weight
 Long term Effects No harmful effects
 Toxicological Data Not available

Section 12. Ecotoxicological Information

ANTI-BACTERIAL HAND GEL

PURPOSE:

For sanitizing hands in any work environment. Particularly suitable for areas where repeated hand sanitizing is required such as food preparation areas, healthcare and child-care facilities etc. Kills 99.9% of germs that may cause illness. Use anytime, anywhere, without water or a towel. Leaves hands refreshed without any residue, leaves a long lasting pleasant lemon scent.

DIRECTIONS:

Apply a coin sized amount to your palm and briskly rub hands together until dry.

SAFETY PRECAUTIONS:

Keep away from heat and flame. Do not drink or smoke while using. Dispose of empty container in a safe manner.

WARNING:

Keep out of eyes, ears and mouth. Use only as a hand soap. If a rash or other irritation occurs discontinue use.
