

SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name

Grime-Enz Stainless Steel & All Purpose Cleaner

Other Names

Nil

Recommended Use

All-purpose cleaner formulated to remove oil and grease grime from stainless steel and other surfaces including polycarbonate, glass, laminex, tiles, baked enamel and aluminium.

Supplier NameOneBioSci Pty Ltd
ACN – 09 39 475 98**Company Mailing Address**

PO Box 1029, NEW FARM QLD 4005 AUSTRALIA

Emergency Telephone Number

13 1126 (National Poisons Information Centre - All Hours)

SECTION 2: HAZARDS IDENTIFICATION

Statement of Hazardous Nature

- Not hazardous (according to the latest edition of the Safe Work Australia *Approved Criteria for Classifying Hazardous Substances* [NOHSC:1008])
- Not a dangerous good (according to the ADG Code)

Hazard Classification

Not hazardous

Risk Phrases

Nil

Safety Phrases

S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical attention

S37 – Wear suitable gloves

S39 – Wear eye/face protection

S51 - Use only in well-ventilated areas

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Entity	CAS Number	Proportion
Ethoxylated Alcohol	-	LOW
All ingredients at concentrations not considered hazardous according to the Safe Work Australia Approved Criteria [NOHSC:1008(2004)].	-	-

Proportion (% volume per volume): VHIGH > 60, HIGH 30-60, MED 10-29.9, LOW 1-9.9, VLOW<1

SECTION 4: FIRST AID MEASURES

Symptoms and Effects

If symptoms develop seek medical attention.

Inhalation

If inhaled and irritation occurs, remove from contaminated area and obtain medical attention.

Skin

Remove contaminated clothing and wash affected skin thoroughly with water. If persistent irritation occurs, obtain medical attention.

Eye

Flush eye immediately with copious quantities of water. If persistent irritation occurs, obtain medical attention.

Ingestion

Do not induce vomiting. Immediately wash out mouth with copious quantities of water. If symptoms develop, seek medical attention.

Advice to a Doctor

Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

Specific Hazards

Combustion is likely to give rise to a complex mixture of toxic and/or irritating airborne solid and liquid particulate matter and gases, including carbon monoxide and carbon dioxide.

Extinguishing Media

Foam, dry chemical, carbon dioxide, water spray or fog.

Unsuitable Extinguishing Media

Water in jet. Use of halon based extinguishers should be avoided for environmental reasons.

Protective Equipment

Proper protective equipment including breathing apparatus must be worn when approaching a fire in a confined space.

Other Information

Keep containers cool by spraying with water.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions

Avoid contact with skin, eyes and clothing. Immediately remove all contaminated clothing. Avoid inhalation and increase ventilation. Remove from all sources of heat.

Personal Protection

Wear safety glasses, PVC or nitrile rubber gloves and closed in shoes. For guidance on respiratory protection see Section 8.

Environmental Precautions

Although product is biodegradable, prevent liquid from spreading or entering into drains, ditches or rivers by using sand, earth, or other appropriate barriers.

Clean-up Methods

Absorb or contain liquid with sand, earth or spill control material. Shovel up and place in a labelled, sealable container for subsequent safe disposal. Rinse residues with water.

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Other Information

Combustible liquid. Eliminate all sources of ignition. Inform the emergency services if a significant volume of liquid enters surface water drains.

SECTION 7: HANDLING AND STORAGE

Handling

Only use in well-ventilated areas. Prevent the accumulation of vapours – do not store in confined spaces. Avoid breathing mists and aerosols. Do not use near ignition sources – avoid sparks and do not smoke. All equipment used when handling this product must be grounded. When handling product in drums, safety footwear should be worn and proper handling equipment should be used. Prevent spillages. Use high standards of personal hygiene after using this product – wash hands prior to eating, drinking or smoking. In addition to any specific recommendations given for controls of risks to health, safety and the environment, an assessment of risks must be made to help determine controls appropriate to local circumstances.

Storage

Use properly labelled and closeable containers. Keep container tightly closed in a dry, well-ventilated place away from oxidising agents, all sources of heat or ignition and out of direct sunlight. Keep bulk drums in a bunded area. Do not smoke in storage areas.

Storage Temperatures

Store as a Class 1 combustible liquid - between 10 and 49 degrees Celsius ambient temperatures.

Recommended Materials

Polyethylene and polypropylene are suitable if they are high density types which have been specifically tested for compatibility with this product.

Unsuitable Materials

Materials for the construction of facilities for storing, handling and distributing this product should neither present unnecessary safety hazards nor adversely affect its quality. Containers must be impermeable and must not be weakened or otherwise affected by the product.

Other Information

Never siphon by mouth.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Safe Work Australia has not established a National Occupational Exposure Limit to this product or to ingredients in this product.

Exposure Controls

Use local exhaust ventilation if there is a risk of inhalation of mists or aerosols.

Respiratory Protection

If a mist or aerosol cannot be controlled, a respirator fitted with an organic vapour cartridge should be used.

Hand Protection

PVC or nitrile rubber gloves.

Eye Protection

Protective eyewear may be used if splashes or spray drift are likely to occur.

Body Protection

Minimise all forms of skin contact by wearing long sleeve work clothes. Launder work clothes regularly.

Environmental Exposure Controls

Minimise release to the environment. Although product is biodegradable, an environmental assessment must be made to ensure compliance with local environmental legislation.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Colour	Pale yellow
Physical State	Liquid at ambient temperature
Odour	Slight odour
pH Range	circa 7
Vapour Pressure	Data not available
Solubility in Water	Slightly miscible
Density	circa 0.90 at 25°C
Flash Point	> 120°C
Flammable Limits – Upper	Data not available
Flammable Limits – Lower	Data not available
Auto-Ignition Temperature	Data not available

SECTION 10: STABILITY AND REACTIVITY

Stability

Stable.

Conditions to Avoid

Heat, flames, sparks and other ignition sources.

Materials to Avoid

Strong oxidising agents and acids.

Hazardous Decomposition Products

Hazardous decomposition products are not expected to form during normal storage.

SECTION 11: TOXICOLOGICAL INFORMATION

Basis for Assessment

Toxicological data has not been determined specifically for this product. Information given is based on knowledge of the components and the toxicology of similar products.

Acute Toxicity

- **Oral:** LD50>2000mg/kg, Rat. (non-toxic)
- **Eye:** Low to moderate irritant effects to eye. Prolonged and repeated contact may result in some eye irritation, pain and/or redness.
- **Skin:** Possible low irritant effects on skin. Prolonged and repeated contact may result in some irritation, skin rash and/or dermatitis.
- **Respiratory:** Possible low irritant effects on respiratory system. Inhalation of aerosols or mists may induce sensitisation and may cause allergic reactions in sensitive individuals. Respiratory risks are reduced due to product having a low vapour pressure.

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- **Ingestion:** Possible low irritant. Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

SECTION 12: ECOLOGICAL INFORMATION

Basis for Assessment

Ecotoxicological data has not been determined specifically for this product. Information given is based on knowledge of the components and the ecotoxicology of similar products.

Ecotoxicity

Expected to be non-toxic to fish.

Mobility (Guidance only)

Liquid under most environmental conditions. Miscible with water.

Persistence / Degradability

Expected to be biodegradable. Not expected to bioaccumulate

Other Adverse Effects

Not expected to have ozone depletion potential, photochemical ozone creation potential or global warming potential.

SECTION 13: DISPOSAL CONSIDERATIONS

Precautions

Refer to Section 7 before handling the product or containers.

Waste Disposal

Recycle or dispose of in accordance with local government regulations.

Product Disposal

Do not pollute the soil, water or environment with unwanted product.

Container Disposal

Drums should be emptied and returned to the supplier or sent to a drum re-conditioner without removing or defacing markings or labels. Drain container thoroughly. After draining, vent in a safe place away from sparks and fire. Do not puncture cut or weld uncleaned drums. Recycle or dispose of in accordance with the legislation in force with a recognised collector or contractor.

SECTION 14: TRANSPORT INFORMATION

This product is NOT classified as a Dangerous Good in accordance with the Australian Code for the Transport of Dangerous Goods by Road or Rail (ADG Code).

ADG U.N. Number

None Allocated

ADG Class

None Allocated

ADG Packing Group

None Allocated

ADG Hazchem Code

None Allocated

ADG Proper Shipping Names

None Allocated

SECTION 15: REGULATORY INFORMATION

EC Symbols

Not applicable.

AICS (Australia)

All chemical ingredients listed on the Australian Inventory of Chemical Substances

National Legislation

- National Code of Practice for the Preparation of Material Safety Data Sheets [NOHSC:2011]
- List of Designated Hazardous Substances [NOHSC:10005].
- Approved Criteria for Classifying Hazardous Substances [NOHSC:1008].
- Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003].
- Australian Code for the Transport of Dangerous Goods by Road or Rail (ADG Code).
- Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

SECTION 16: OTHER INFORMATION

References

For detailed advice on Personal Protective equipment, refer to the following Australian Standards :-

- HB 9 (Handbook 9) Manual of industrial personal protection.
- AS/NZS 1337 Eye protectors for industrial applications.
- AS/NZS 1715 Selection, use and maintenance of respiratory protective devices.
- AS/NZS 1716 Respiratory protective devices.

Abbreviations

AICS - Australian Inventory of Chemical Substances

AS – Australian Standard

mg – milligrams

m – metre

NOHSC – National Occupational Health & Safety Committee

ppm – parts per million

PVC – Polyvinyl Chloride

STEL – Short Term Exposure Limit

SUSDP – System for the Uniform Scheduling of Drugs & Poisons

TWA – Time Weighted Average

Poisons Schedule (SUSDP)

Not a scheduled poison according to SUSDP.

Further Information

The information contained in this Material Safety Data Sheet, as of the issue date, is believed to be true and correct. However, the accuracy or completeness of this information and any recommendations or suggestions are made without warranty or guarantee. Since the conditions of use are beyond the control of OneBioSci Pty. Ltd., it is the responsibility of the user to determine the conditions of safe use of this preparation. Please consult the relevant legislation and regulations governing the use and storage of this type of product.

END OF MSDS
