

Section 1: Identification of the Substance/Mixture and of Supplier

Product name: **GREASE BEAST**
NZFSA APPROVED C32

Recommended use: Kitchen degreasing liquid, for use with foam-free applicator

Supplier: Space Industries Limited

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 Wiri, Auckland
 New Zealand

Telephone Number: + 64 9 262 3902

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Website: www.spaceindustries.co.nz

Emergency Telephone: 0800 764 766 (all hours)

Date of preparation: 22/03/22

Section 2: Hazards Identification



ERMA Approval Code: HSR001576

Hazard Classification: 6.1D (All), 6.1D (O), 6.1E (D), 8.1A , 8.2B , 8.3A , 9.1D (All), 9.1D (C), 9.1D (F)

Section 3: Composition/information on ingredients

Product Description: Kitchen degreasing liquid

Hazardous Component(s): SODIUM HYDROXIDE

CAS Number: 1310-73-2

Proportion: <10%

Risk Phrases: Harmful if Swallowed
 Causes severe skin burns and eye damage
 May be corrosive to metals
 Harmful to aquatic life

Safety Phrases: Keep out of reach of children
 Read label before use
 Wear gloves and eye protection when handling
 Wash hands thoroughly after handling
 No smoking drinking or eating while using product
 Avoid release to the environment.
 Avoid contact with eyes and skin
 Always store in original container

Section 4: First Aid Measures

Show this Safety Data Sheet to a Doctor

Inhalation:	Remove to fresh air and keep at rest in a position comfortable for breathing.
Skin Contact:	Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.
Eye Contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Ingestion:	Rinse mouth. DO NOT induce vomiting. Give a glass of water to effectively dilute the product. Immediately call a POISON CENTER or doctor/physician.
Notes for the Doctor:	Treat symptomatically and as for strongly alkaline corrosive material.

For advice, contact the Poisons Information Centre 0800 764 766 or a doctor

Section 5: Fire Fighting Measures

Specific Hazards:	Product is non-combustible. In a fire, overheated drums may rupture but the product will not support combustion however the packaging material may burn to emit noxious fumes.
Suitable Extinguishing Media:	Extinguish fires with water spray, foam, carbon dioxide or dry chemical powder.
Fire-fighting advice:	Fire fighters should wear a self contained breathing apparatus and full protective clothing along with protective equipment.

Section 6: Accidental Release Measures

Emergency Procedures	Keep spectators away – rope off the area. Avoid accidents, clean up immediately. Ensure adequate ventilation. Wear protective equipment to prevent skin and eye contamination.
Methods and Materials for Containment and Clean Up	<p>Contain the spill and prevent run off into confined areas, drains and waterways.</p> <p>Large spills: absorb with dry earth, sand or other similar material. Collect and seal in properly labeled drums for disposal in an area approved by local authority by-laws. Wash area down with excess water to remove residual material.</p> <p>Small spills: may be safely mopped up and area washed with excess water. Incineration of disposed material is not recommended, as it is unlikely to adequately burn.</p>

Section 7: Handling and Storage

Handling:	<ul style="list-style-type: none"> • Ensure an eye bath and safety shower are available and ready for use. • Observe good personal hygiene practices and recommended procedures. • Do not breathe in mist/spray. • Wash hands thoroughly after handling. • Do not eat, drink or smoke when using this product. • Store away from foodstuffs. • Avoid eye and skin contact.
Storage:	<ul style="list-style-type: none"> • Keep only in original container.

- Store in a cool, dry, well-ventilated area.
- Keep containers tightly closed when not in use.
- Inspect regularly for deficiencies such as damage or leaks.
- Protect against physical damage.
- Store away from electrical switches and paintwork.
- Transport and store upright

Section 8: Exposure Controls/Personal Protection

Occupational Exposure Limits:	No value assigned for this specific material by the New Zealand Occupational Safety and Health Service (OSH).
Engineering Control Measures:	Ensure adequate ventilation.
Personal Protective Equipment:	Safety glasses with side shields. Rubber gloves Wear safety footwear Overalls.

Section 9: Physical and Chemical Properties

Physical state:	Liquid
Colour:	Clear, red
Odour:	Faint odour
Boiling/melting Point:	Not available
Specific Gravity/Bulk	S.G. 1.07
Vapour Pressure:	Not available
Flash Point (°C):	None
Percent Volatilise:	87.7% at 100°C
Flammability Limits:	none
Autoignition Temperature:	There is no fire hazard from this product or any of its ingredients.

Section 10: Stability and Reactivity

Stability:	Product is stable under normal conditions of use, storage and temperature.
Conditions to Avoid	Avoid boilers, heaters, hot pipes and sunlight. Avoid breathing mists and sprays.
Incompatible Materials	Store away from electrical switches and paintwork. Avoid soft metals, including aluminium and galvanised surfaces
Hazardous Decomposition Products:	Not flammable, but may liberate flammable Hydrogen gas on contact with soft metals, including aluminium and galvanised surfaces

Section 11: Toxicological Information

Ingestion:	Likely to cause burns upon ingestion.
Eye contact:	Corrosive to eyes, may cause severe damage
Skin contact:	Causes severe burns upon skin contact.
Inhalation:	Mists and sprays are capable of causing irritation when inhaled.

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Section 12: Ecological Information

Environmental fate, persistence and degradation:	Avoid contaminating waterways. The product is moderately strong alkaline; the pH neat is greater than 12%. Toxic to terrestrial vertebrates. Biodegradable
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Section 13: Disposal Considerations

<ul style="list-style-type: none"> • Recycle wherever possible. Special hazard may exist - specialist advice may be required. • Consult approved Waste Management Company for disposal options. • Treat and neutralise residue at an approved site. • Decontaminate empty containers. Observe all label safeguards until containers are cleaned and destroyed. • Puncture containers to prevent re-use and bury at an authorised landfill. <p>Incineration not recommended as it is unlikely to adequately burn..</p>
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Section 14: Transport Information

Road and Rail Transport:	Classified as a Dangerous Good according to NZS 5433:1999 Transport of Dangerous Goods on Land.
UN No:	1824
Class-primary	8
Packing Group:	II
Proper Shipping Name:	SODIUM HYDROXIDE SOLUTION
Hazchem Code:	2R
Marine Transport:	Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; DANGEROUS GOODS
UN No:	1824
Class-primary	8
Packing Group:	II
Proper Shipping Name:	SODIUM HYDROXIDE SOLUTION

Section 15: Regulatory Information

Classification:	6.1D (All), 6.1D (O), 6.1E (D), 8.1A , 8.2B , 8.3A , 9.1D (All), 9.1D (C), 9.1D (F)
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Section 16: Other Information

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