



NEW ZEALAND MADE FOR THE TRADE

SAFETY DATA SHEET

Section 1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Grease Eater Liquid
Product Code: 7889 & 7880
Uses: Water based cleaner and degreaser.
Company: Chemz Ltd
Address: 80 Rangitane Place
Whakatu, Hastings
Telephone: +64 6 877 9690
Email: info@chemz.co.nz
Emergency Number, 24 hr: 0800 764 766 (0800 POISON) NZ National Poison Centre

Section 2 – HAZARDS IDENTIFICATION

Classification of the product

Considered as a hazardous substance according to the Hazardous Substance (Minimum Degrees of Hazard) Regulations NZ.
Not classified as a dangerous goods for transport purposes (land, sea and air).

HSNO Classifications:

6.3B Mildly irritating to the skin
6.4A Irritating to the eye
6.5B Contact sensitiser

GHS Classifications:

Skin irritation Category 3
Eye irritation Category 2A
Skin sensitisation Category 1



Signal Words: Warning

Hazard Statements

H316 Causes mild skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.

Section 3 – COMPOSITION INFORMATION ON INGREDIENTS

| Hazardous Ingredients | CAS No. | Proportion, % m/m |
|--|-------------|-------------------|
| 2-Butoxyethanol | 111-76-2 | 1 - 10 |
| Sodium Metasilicate | 6834-92-0 | 1 - 10 |
| Dipentene | 138-86-3 | 1 - 10 |
| Ethoxylated alcohols | Proprietary | 1 - 10 |
| Other ingredients determined to not be hazardous | - | to 100% |



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SAFETY DATA SHEET

Section 4 – FIRST AID MEASURES

If medical advice is needed, have product container or label at hand.

If exposed or if you feel unwell: Call a POISON CENTRE or doctor.

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| Eye contact: | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| Inhalation: | IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTRE or doctor. |
| Ingestion: | IF SWALLOWED: Immediately call a POISON CENTRE or doctor. Do NOT induce vomiting. Where there is risk of vomiting, lean person forward or place on left side to avoid aspiration of product into lungs. Obtain immediate medical attention. |
| Skin contact: | IF ON SKIN: Wash with plenty of soap and water. Direct contact may cause irritation in sensitive individuals. If skin irritation occurs: Get medical advice/ attention. |
| Notes to physician: | Treat symptomatically and supportively. No specific antidote. |

Section 5 – FIRE-FIGHTING MEASURES

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| Specific hazards: | Not applicable. |
| Further advice: | On burning, containers may emit toxic fumes including those of carbon monoxide and carbon dioxide. Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of combustion. |
| Extinguishing media: | Use water spray, fog, or foam. Use water spray to cool fire-exposed containers. Do not discharge extinguishing waters into the aquatic environment. |
| Hazchem Code: | 2Y |

Section 6 – ACCIDENTAL RELEASE MEASURES

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| Spills: | If safe to do so, prevent spillage from entering drains or water courses. If material enters drains, advise emergency services. Use absorbent (soil, sand or other inert material). |
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Section 7 – HANDLING AND STORAGE

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| Handling Precautions: | Read product label before use. Keep out of reach of children. Wash hands with soap and water after handling. |
| Storage: | Store in a well ventilated, cool, dry place. |

Section 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits: No value assigned for product. Exposure standards for constituents (NZ WES);

| Material | TWA, mg/m ³ | STEL, mg/m ³ |
|-----------------|------------------------|-------------------------|
| 2-Butoxyethanol | 121 (skin) | - |

Additional Information: Wash hands before eating, drinking and smoking.

Engineering Controls: No controls required.

Protective Equipment: In an industrial environment: gloves, safety glasses or chemical goggles and protective gloves are recommended. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace.

Section 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Clear colourless liquid.

pH: 10.0 - 12.5



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| Vapour Density: | Not applicable. |
| Vapour Pressure, kPa: | Not applicable. |
| Boiling Point, °C: | About 100 |
| Melting Point, °C: | Not applicable. |
| Specific Gravity: | About 1.0 |
| Flash Point, °C: | Not applicable. |
| Explosion Limit, % v/v: | LEL - UEL - |
| Autoignition Temp, °C: | Not applicable. |
| Solubility: | Soluble in water. |

Section 10 – STABILITY AND REACTIVITY

Stability: Stable under normal conditions of use. Not reactive. Avoid oxidisers.

Section 11 – TOXICOLOGICAL INFORMATION

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| Basis for Assessment: | Information given is based on product testing, and/or similar products, and/or components. |
| Acute Oral Toxicity: | Low toxicity: LD ₅₀ of mixture calculated to be > 5,000 mg/kg, Rat. |
| Acute Dermal Toxicity: | Low toxicity: LD ₅₀ of mixture calculated to be > 5,000 mg/kg, Rabbit. Low toxicity |
| Acute Inhalation Toxicity: | Not applicable. |
| Aspiration Hazard: | Not applicable. |
| Skin Irritation: | May cause skin irritation which can lead to dermatitis. |
| Eye Irritation: | Irritating to the eye. Contact with eyes may cause short term discomfort. |
| Respiratory Irritation: | Inhalation of mist may cause irritation to the nose and throat. |
| Sensitisation: | Expected to be a sensitiser. May cause an allergic skin reaction in sensitive individuals. |
| Repeated Dose Toxicity: | Not applicable. |
| Additional Information: | None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as being carcinogens. |

Section 12 – ECOTOXICITY INFORMATION

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| Ecotoxicity: | Product is slightly harmful to aquatic organisms. Experimental data on the finished product are not available. |
| Mobility: | Not determined. |
| Persistence/degradability: | Some components may be persistent. |
| Bioaccumulation: | Has the potential to bioaccumulate. |

Section 13 – DISPOSAL CONSIDERATIONS

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| Material Disposal: | Product wastes are slightly ecotoxic and should be disposed of in accordance with applicable regulations. Do not dispose into the environment, in drains or in water courses. Waste product should not be allowed to contaminate soil or water. |
| Container Disposal: | Recycle empty container in an approved recycling stream. Product containers are considered wastes of the same class as the contents and should be disposed of in accordance with applicable regulations. |



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Section 14 – TRANSPORT INFORMATION

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| Transport: | Not classified as a Dangerous Good for transport purposes. |
| Proper Shipping Name: | Not applicable. |
| UN Number: | Not applicable. |
| Dangerous Goods Class: | Not applicable. |
| Transport Labels Required: | Not applicable. |
| Subsidiary Risk: | Not applicable. |
| Packing Group: | Not applicable. |
| Marine Pollutant: | Not applicable. |
| EMS Number | Not applicable. |
| Limited Quantity: | Not applicable. |
| DG Segregation: | Not applicable. |

Section 15 – REGULATORY INFORMATION

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| EPA Approval Number: | HSR002530 Cleaning Products (Subsidiary Hazard) Group Standard 2017 This substance is to be managed using the conditions specified in an applicable Group Standard. |
| SDS regulations | This Safety Data Sheet was prepared in accordance with the EPA Hazardous Substances (Safety Data Sheets) Notice July 2017. |
| Inventory Listing: | NZIOC (New Zealand Inventory of Chemicals); All components of this product are listed. |
| Approved Handler: | Not required. |
| Tracking: | This substance is not a tracked substance. |
| EPA Hsno Controls: | Refer to www.epa.govt.nz for information on Controls. |

Section 16 – OTHER INFORMATION

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| Additional information | 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. | |
| Abbreviations | AICS | Australian Inventory of Chemical Substances |
| | ADG | Australian Code for the Transport of Dangerous Goods by Road and Rail |
| | CAS | Chemical Abstract Service number |
| | EMS | Emergency Response Procedures for Ships Carrying Dangerous Goods |
| | EPA | Environmental Protection Agency (New Zealand) |
| | GHS | Globally Harmonized System |
| | IARC | International Agency for Research on Cancer |
| | IATA | International Air Transport Association |
| | IMDG | International Maritime Dangerous Goods |
| | LC ₅₀ | Lethal Concentration, 50% / Median Lethal Concentration |
| | LD ₅₀ | Lethal Dose, 50% / Median Lethal Dose |
| | LEL | Lower Explosion Limit |
| | mg/m ³ | Milligrams per Cubic Metre |
| | NICNAS | National Industrial Chemicals Notification and Assessment Scheme (Australia) |



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| NZIoC | New Zealand Inventory of Chemicals |
| N.O.S. | Not otherwise specified |
| OEL | Occupational Exposure Limit |
| PEL | Permissible Exposure Limit |
| STEL | Short-Term Exposure Limit |
| STOT-RE | Specific target organ toxicity (repeated exposure) |
| STOT-SE | Specific target organ toxicity (single exposure) |
| TLV | Threshold Limit Value |
| TWA | Time Weighted Average |
| UEL | Upper Explosion Limit |

This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Chemz Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material. If clarification or further information is needed, the user should contact their Chemz representative or Chemz Limited at the contact details on page 1. Chemz Limited's responsibility for the material as sold is subject to the terms and conditions of sale.

End of sds.