

1. Identification of Substance & Company

Product

| | |
|-----------------------------|--------------------------------|
| Product name | Toolware Grease Wipes |
| Other names | No other names |
| HSNO approval | Not applicable – non hazardous |
| Approval description | NA |
| UN number | Not regulated for transport. |
| DG class | NA |
| Proper Shipping Name | NA |
| Packaging group | NA |
| Hazchem code | NA |
| Uses | General purpose wipes |

Company Details

| | |
|------------------|--|
| Company | Toolware Sales LTD |
| Address | 3 Stonedon Drive East Tamaki Auckland 2013 |
| Telephone | +64 9 579 8080 |
| Website | www.toolware.co.nz |

2. Hazard Identification

Approval in New Zealand

This product is not considered hazardous under the Hazardous Substances and New Organisms Act (HSNO), according to the criteria in the Hazardous Substances (Hazard Classification) Notice 2020.

GHS Classes

NA

SYMBOLS

NA

Hazard Statements

Other Classification

There are no other classifications that are known to apply.

Precautionary Statements

Not applicable

3. Composition / Information on Ingredients

| Component | CAS/ Identification | Concentration |
|---|---------------------|---------------|
| Water | 7732-18-5 | >90% |
| Ethanol | 64-17-5 | 1-10% |
| Ingredients not contributing to GHS classes | mixture | balance |

This is a commercial product whose exact ratio of components may vary. Trace quantities of impurities are also likely.

4. First Aid

General Information

You should call the National Poisons Centre if you feel that you may have been harmed or irritated by this product. The number is 0800 764 766 (0800 POISON) (24 hr emergency service).

Recommended first aid facilities

Ready access to running water is recommended.

Exposure

Swallowed

Rinse mouth. Do NOT induce vomiting. Give a glass of water to drink.

Eye contact

If product gets in eyes, wash material from them with running water for several minutes. If symptoms persist, seek medical advice.

Skin contact

This product is non-irritating to skin. No further measures should be required.

Inhaled

Generally, inhalation of vapours is unlikely to result in adverse health effects.

Advice to Doctor

Treat symptomatically

5. Firefighting Measures

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| Fire and explosion hazards: | There are no specific risks for fire/explosion for this chemical. The liquid absorbed onto the wipes is non flammable. Wipes can burn in a fire. |
| Suitable extinguishing substances: | Use extinguishing media suited to the materials that are burning. |
| Unsuitable extinguishing substances: | None known. |
| Products of combustion: | Carbon dioxide, and if combustion is incomplete, carbon monoxide and smoke. Water. May form toxic mixtures in air and may accumulate in sumps, pits and other low-lying spaces, forming potentially explosive mixtures. |
| Protective equipment: | Self-contained breathing apparatus. Safety boots, non-flammable overalls, gloves, hat and eye protection. |
| Hazchem code: | NA |

6. Accidental Release Measures

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| Containment | In all cases design storage to prevent discharge to storm water. |
| Emergency procedures | The packaging and nature of the product generally will prevent major spills. If wipes do spill: Stop spill if safe/necessary. Isolate area (ensure no persons inside spill area). Collect wipes – see below. Transfer to container for disposal. Dispose of according to guidelines below (Section 13) |
| Clean-up method | This product is not considered flammable or ecotoxic. Small spills do not require any special clean up method. Larger spills should be mopped up and collected. |
| Disposal | Wear protective footwear, overalls, gloves and safety glasses to clean-up large spills. |
| Precautions | Prevent spillage from spreading or entering soil, waterways or drains. |

7. Storage & Handling

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|-----------------|--|
| Storage | Avoid storage of toxic substances with food. Store out of reach of children. Avoid contact with incompatible substances, as listed in Section 10. |
| Handling | Keep exposure to a minimum, and minimise the quantities kept in work areas. See section 8 with regard to personal protective equipment requirements. |

8. Exposure Controls / Personal Protective Equipment

Workplace Exposure Standards

A workplace exposure standard (WES) has not been established by WorkSafe NZ for this product. There is a general limit of 3mg/m³ for respirable particulates and 10mg/m³ for inhalable particulates when limits have not otherwise been established.

| NZ Workplace Exposure Stds | Ingredient | WES-TWA* | WES-STEL |
|----------------------------|------------|--------------------------------|----------|
| | Ethanol | 1000ppm, 1880mg/m ³ | |

Engineering Controls

In industrial situations, it is expected that employee exposure to hazardous substances will be controlled to a level as far below the WES as practicable by applying the hierarchy of control required by the Health and Safety at Work Act (2015) and the Health and Safety at Work (General Risk and Workplace Management) Regulations 2016. Exposure can be reduced by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods. If you believe air borne concentrations of mists, dusts or vapours are high, you are advised to modify processes or increase ventilation.

Personal Protective Equipment

| | |
|--------------------|--|
| Eyes | Protective eyewear is not normally necessary when using this product. |
| Skin | Protective gloves and clothing are not normally necessary. However, it is prudent to wear gloves when handling chemicals in bulk or for an extended period of time. |
| Respiratory | Respirator is not required under normal use. Ensure adequate natural ventilation. If product is being used in confined conditions, the use of a mask or respirator may be preferred. |

WES Additional Information

Not applicable

9. Physical & Chemical Properties

| | |
|---|----------------------|
| Appearance | clear liquid |
| Odour | characteristic odour |
| Odour Threshold | no data |
| pH | 5.0-7.5 |
| Freezing/melting point | no data |
| Boiling Point | no data |
| Flashpoint | no data |
| Flammability | no data |
| Upper & lower flammable limits | no data |
| Vapour pressure | no data |
| Vapour density | no data |
| Specific gravity/density | no data |
| Solubility | no data |
| Partition coefficient | no data |
| Auto-ignition temperature | no data |
| Decomposition temperature | no data |
| Viscosity | no data |
| Particle Characteristics | no data |

10. Stability & Reactivity

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|---|---|
| Stability | Stable |
| Conditions to be avoided | Containers should be kept closed in order to avoid contamination. Keep from extreme heat and open flames. |
| Incompatible groups | Strong acids and bases |
| Substance Specific Incompatibility | none known |
| Hazardous decomposition products | Carbon dioxide, and if combustion is incomplete, carbon monoxide and smoke. |
| Hazardous reactions | none known |

11. Toxicological Information

Summary

IF SWALLOWED: large amounts may cause gastrointestinal irritation.
IF IN EYES: no effects anticipated.
IF ON SKIN: no effects anticipated

Supporting Data

| | | |
|---|--|--|
| Acute | Oral | Using LD ₅₀ s for ingredients, the calculated LD ₅₀ (oral, rat) for the mixture is >2,000 mg/kg. |
| | Dermal | Using LC ₅₀ 's for ingredients, the calculated LC ₅₀ (inhalation, rat) for the mixture is >2,000 ppm. |
| Chronic | Inhaled | No evidence of acute inhalation toxicity. |
| | Eye | The mixture is not considered to be an eye irritant. |
| | Skin | The mixture is not considered to be a skin irritant. |
| | Sensitisation | No ingredient present at concentrations > 0.1% is considered a sensitizer. |
| | Mutagenicity | No ingredient present at concentrations > 0.1% is considered a mutagen. |
| | Carcinogenicity | No ingredient present at concentrations > 0.1% is considered a carcinogen. |
| | Reproductive / Developmental Systemic | No ingredient present at concentrations > 0.1% is considered a reproductive or developmental toxicant or have any effects on or via lactation. |
| Aggravation of existing conditions | No ingredient present at concentrations > 1% is considered a target organ toxicant. None known. | |

12. Ecological Data

Summary

This mixture is not considered ecotoxic.

Supporting Data

| | |
|-------------------------------|---|
| Aquatic | Using EC ₅₀ 's for ingredients, the calculated EC ₅₀ for the mixture is > 100 mg/L. |
| Bioaccumulation | No data |
| Degradability | No data |
| Soil | No evidence of soil toxicity. |
| Terrestrial vertebrate | See acute toxicity. |

| | |
|------------------------------------|--|
| Terrestrial invertebrate | No evidence of toxicity towards terrestrial invertebrates. |
| Biocidal | no data |
| Environmental effect levels | No EELs are available for this mixture or ingredients |

13. Disposal Considerations

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| Restrictions | There are no product-specific restrictions, however, local council and resource consent conditions may apply, including requirements of trade waste consents. |
| Disposal method | Disposal of this product must comply with the Hazardous Substances (Disposal) Notice 2017 and the requirements of the Resource Management Act for which approval should be sought from the Regional Authority. Do not throw wipes down the toilet. |
| Contaminated packaging | Disposal of contaminated packaging must comply with the Hazardous Substances (Disposal) Notice 2017 clause 12. Ensure that the package is rendered incapable of containing any substance and is disposed in a manner that is consistent with the requirements of the substance it contained and the material of the package. If possible reuse or recycle packaging. |

14. Transport Information

Land Transport Rule: Dangerous Goods 2005 - NZS 5433:2007
There are no specific restrictions for this product (not a dangerous good).

| | | | |
|---------------------|----|------------------------------|----|
| UN number: | NA | Proper shipping name: | NA |
| Class(es) | NA | Packing group: | NA |
| Precautions: | NA | Hazchem code: | NA |

15. Regulatory Information

This product is not considered to be a hazardous substance to the Hazardous Substances and New Organisms Act (HSNO). All ingredients appear on the New Zealand Inventory of Chemicals.

Specific Controls

Key workplace requirements are:

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|---------------------------------|---|
| SDS | Not required (non hazardous), but best practice to have the SDS available. |
| Inventory | An inventory of all hazardous substances must be prepared and maintained. |
| Packaging | All hazardous substances should be appropriately packaged including substances that have been decanted, transferred or manufactured for own use or have been supplied |
| Labelling | Must comply with the Hazardous Substances (Labelling) Notice 2017. |
| Emergency plan | Not required. |
| Certified handler | Not required. |
| Tracking | Not required. |
| Bunding & secondary containment | Not required. |
| Signage | Not required. |
| Location compliance certificate | Not required. |
| Flammable zone | Not required. |
| Fire extinguisher | Not required. |

Note: The above workplace requirements apply if only this particular substance is present. The complete set of controls for a location will depend on the classification and total quantities of other substances present in that location.

Other Legislation

In New Zealand, the use of this product may come under the Resource Management Act and Regulations, the Health and Safety at Work Act 2015 and the Health and Safety at Work (General Risk and Workplace Management) Regulations 2016, local Council Rules and Regional Council Plans.

16. Other Information

Abbreviations

| | |
|------------------------|--|
| Approval Code | not applicable – non hazardous. |
| CAS Number | Unique Chemical Abstracts Service Registry Number |
| EC₅₀ | Ecotoxic Concentration 50% – concentration in water which is fatal to 50% of a test population (e.g. daphnia, fish species) |
| EPA | Environmental Protection Authority (New Zealand) |
| GHS | Globally Harmonised System of Classification and Labelling of Chemicals |
| HAZCHEM Code | Emergency action code of numbers and letters that provide information to emergency services, especially fire fighters |
| HSNO | Hazardous Substances and New Organisms (Act and Regulations) |
| IARC | International Agency for Research on Cancer |
| LEL/UEL | Lower Explosive Limit/ Upper Explosive Limit |
| LD₅₀ | Lethal Dose 50% – dose which is fatal to 50% of a test population (usually rats). |
| LC₅₀ | Lethal Concentration 50% – concentration in air which is fatal to 50% of a test population (usually rats) |
| MSDS (SDS) | Material Safety Data Sheet (or Safety Data Sheet) |
| NZIoC | New Zealand Inventory of Chemicals |
| STEL | Short Term Exposure Limit - The maximum airborne concentration of a chemical or biological agent to which a worker may be exposed in any 15 minute period, provided the TWA is not exceeded |
| TWA | Time Weighted Average – generally referred to WES averaged over typical work day (usually 8 hours) |
| UN Number | United Nations Number |
| WES | Workplace Exposure Standard - The airborne concentration of a biological or chemical agent to which a worker may be exposed during work hours (usually 8 hours, 5 days a week). The WES relates to exposure that has been measured by personal monitoring using procedures that gather air samples in the worker's breathing zone. |

References

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|--------------------------|---|
| Data | Unless otherwise stated comes from the EPA HSNO chemical classification information database (CCID). |
| Controls | EPA notices, www.epa.govt.nz , Health and Safety at Work (Hazardous Substances) Regulations 2017, www.legislation.govt.nz |
| WES | The latest NZ Workplace Exposure Standards, published by WorkSafe NZ and available on their web site – www.worksafe.govt.nz . |
| Other References: | Suppliers SDS, EU ECHA, ingredients SDS's, ChemIDplus |

Review

| Date | Reason for review |
|-------------|--------------------------|
| March 2024 | Not applicable – new SDS |

Disclaimer

This SDS was prepared by Datachem LTD and is based on our current state of knowledge, including information obtained from suppliers. The SDS is given in good faith and constitutes a guideline (not a guarantee of safety). The level of risk each substance poses is relevant to its properties (as summarised in the SDS) AND HOW THE SUBSTANCE IS USED. While guidelines are given for personal protective equipment, such precautions must be relevant to the use. The likely GHS classifications for this SDS have been estimated based on general information from the supplier (e.g., hazard, toxicological). This SDS is copyright Datachem and must not be copied, edited or used for other than intended purpose. To contact the SDS author, email info@datachem.co.nz or phone: +64 21 1040951.

