

Safety Data Sheet

URO Fuel Wick Chafing Fuel



1 Identification, supplier & emergency information

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|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Product name: | URO Fuel Wick Chafing Fuel | | |
| Product code: | 329W (150gm Cans) & 330W (200gm Cans) | | |
| Description: | A clear combustible canned liquid. The fuel, Diethylene Glycol (DEG), is delivered via a wick. The product is ignited and burned to provide heat for food warming applications. | | |
| CAS no.: | 111-46-6 | | |
| Supplier: | Eurovap Products – New Zealand 6B Enterprise Drive Henderson, AUCKLAND 0612 Tel: +64 9 837 8294 - Fax: +64 9 838 4384 Email: enquiries@eurovap.co.nz Web: www.eurovap.co.nz | Eurovap Products – Australia PO Box 3479 Helensvale Town Centre, QLD 4212 Tel: +61 7 3287 3711 - Fax: +61 7 3804 6966 Email: enquiries@eurovap.com.au Web: www.eurovap.com.au | |
| Emergency Phone | 0800 POISON (0800 767 766) | 1311 26 | |
| Country of Origin | China | | |

2 Hazards Identification

This Substance is classified as hazardous according to the Hazardous Substances and New Organisms Act 1996, and the Hazardous Substances (Minimum Degrees of Hazard) Notice 2017.

| HSNO CLASSIFICATION | HAZARD DESCRIPTION |
|---------------------|-------------------------------------------|
| 6.1E | Acutely toxic |
| 6.1D | Harmful to human target organs or systems |

CLP classification:

Acute toxicity (oral), category 4, H302.

CLP labelling:



GHS07

Warning

Hazard statements:

H302 Harmful if swallowed.

Precautionary statements:

P264 Wash hands thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P301/312 If swallowed: call a poison centre or doctor/physician if you feel unwell.

DSD classification:

R22 Harmful if swallowed.

S2 Keep out of the reach of children.

S46 If swallowed, seek medical advice immediately and show this container or label.

DSD labelling:



Harmful

3 Composition

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|-----------------|-------------------------|----------------------|---------|
| Component: | Diethylene Glycol (DEG) | | |
| Chemical Name: | 2,2' oxydiethanol | Molecular structure: | C4H10O3 |
| CAS no.: | 111-46-6 | | |
| % content: | 100% | | |
| Classification: | see section 2 | | |

4 First aid measures

If inhaled or swallowed, seek immediate medical attention.

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| Inhalation: | Seek fresh air. Drink some sips of water. If coughing persists, seek medical attention. |
| Ingestion: | Drink sips of warm water or milk. Seek medical attention immediately. |
| Eye contact: | Flush eye with large amounts of warm water for 15 minutes. If irritation persists, seek medical attention. |
| Skin contact: | Remove and isolate contaminated clothing. Flush exposed area with warm water for 15 minutes. If irritation persists, seek medical attention. |

5 Fire-fighting measures

Flash point: 124°C (255°F)

Auto-ignition: 224°C (435°F)

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| Flammable limits in air (% by vol.) | lower = 2%, upper = 12.3% |
| Extinguishing media: | Water spray, CO ₂ , foam or dry chemical fire extinguishers can be used. |
| Special fire-fighting measures: | Stop source of fuel, shut off ignition sources. Keep exposed containers cool with water spray. Avoid breathing vapours. Self-contained breathing apparatus and protective clothing should be worn. |

6 Accidental release measures

Eliminate all ignition sources. Provide adequate ventilation. Aim to stop spill at source. Absorb liquid on absorbent material. Dispose of in accordance with regulations. If necessary, contact emergency services. Prevent liquid from entering drains or waterways.

7 Handling & storage

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| Handling precautions: | Avoid contact with skin and eyes. Do not ingest. Place can in fuel holder or under chafier before lighting. Burn can in a level upright position. Keep away from combustibles (e.g. paper plates and napkins). Use in a well-ventilated area. Keep away from children. |
| Storage precautions: | Store in a cool dry place (4–49°C/40–120°F). Provide adequate ventilation in area of use. Store away from sources of heat or open flame. Keep container closed when not in use. |

8 Exposure controls / personal protection

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| Exposure controls: | Avoid contact with skin and eyes. Minimise breathing vapour or mist. Ensure adequate ventilation in area of use. |
| Occupational exposure controls: | Under normal conditions of use, no special protection for skin or eyes is required. |

9 Physical & chemical properties

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|-----------------------|----------------------------------|------------------------|---------------------|
| Appearance: | Clear, colourless viscous liquid | Odour: | Mild |
| pH: | Not known | Boiling point: | 245°C |
| Flash point: | 124°C | Flammability: | 2–12.3% (in air) |
| Auto-ignition temp.: | 224°C | Explosive properties: | None known |
| Oxidising properties: | None known | Vapour pressure: | <0.01mm Hg @ 20°C |
| Relative density: | 1.1g/cm ³ (water = 1) | Solubility: | Miscible / complete |
| Water solubility: | Miscible | Partition coefficient: | Not known |
| Viscosity: | 38 mPas at 20°C | Vapour density: | 3.66 (air =1) |
| Evaporation rate: | Not known | Melting point: | -8°C |

10 Stability & reactivity

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| Stability: | This product is stable under normal conditions of storage and use. |
| Conditions to avoid: | Avoid high temperatures. Store away from all sources of ignition. |
| Materials to avoid: | Avoid contact with oxidisers, acids, and alkalis. |
| Hazardous decomposition products: | Burning may cause carbon dioxide (CO ₂) and carbon monoxide (CO). |

11 Toxicological Information

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| CLP classification: | Acute toxicity (oral), category 4, H302. Harmful if swallowed. |
| DSD classification: | Non-toxic. Potentially lethal via ingestion. Class 3/B. |

12 Ecological Information

Diethylene glycol is highly soluble in water. It is not significantly toxic to fish and aquatic invertebrates, although amphibians and mammals may be more sensitive. The odour and flavour of this material may attract some wildlife and cause them to consume spilled material. DEG will biodegrade relatively rapidly in both soil and water and will not persist in the environment. Due care should be taken to avoid accidental releases to aquatic or terrestrial systems.

13 Disposal Considerations

Dispose of empty, partial, or full cans in accordance with local authority requirements and in an environmentally safe manner. Do not dump into sewers, any body of water or onto the ground. Recycle packaging where facilities exist.

14 Transport Information

This product is classified as non-hazardous by DOT regulations, there is no applicable UN transportation number.

15 Regulatory information

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| EU directives: | EC 1272/2008 Classification, labelling & packaging of substances and mixtures (CLP). EC 1907/2006 Registration, evaluation, authorisation & restriction of chemicals (REACH). 67/548/EEC Dangerous substances directive (DSD) |
| Statutory instruments: | Chemicals (hazardous information and packaging for supply) regulations (CHIP) 2009 SI no. 716/4. Control of substances hazardous to health regulations (COSHH). Carriage of dangerous goods and use of transportable pressure equipment regulations 2007. UK health & safety at work act 1999. |
| Approved code of practice: | Control of substances hazardous to health – approved code of practice and guidance L5 (2005 – HSE books). |
| Guidance notes: | Workplace exposure limits EH40. The storage of flammable liquids in containers HSG51 (HSE 1998). |
| Chemical safety assessment (CSA): | A CSA for this product is not available at this time. |
| EPA Approval | HSR002709 |

16 Other information

Safe use instructions:

- Take care with an open flame product.
- Wash hands to remove any fuel residue.
- Place the can under heating equipment (e.g. a chafing dish) before lighting.
- Ensure the can is securely in position in the equipment before lighting.

- Use a long-handle match or butane lighter to light the can.
- Don't use a lit can to light another can.
- Never position a can on a table-top or on table linen.
- Never handle or carry a lit can.
- Never carry heating equipment (e.g, a chafing dish) with lit cans inside.
- Keep hair, clothing, table linen and all other combustible items away from the flame.
- Don't leave a burning can unattended.
- Never use your hands to extinguish a flame.
- Extinguish the flame by blowing it out.
- Replace the lid/cap when not in use.
- Allow wick to cool sufficiently after extinguishing the flame before moving the can.
- Don't touch the wick after the flame has been extinguished.
- Don't tamper with the wick.
- Product is made from 100% Recycled Product and can be recycled as per local council procedures.

Revision details: Version 3.4, 18 January 2023. SDS routine update.
Version 3.3, 03 February 2020. SDS routinely updated.
Version 3.2, 16 March 2018. Updates by Haztec NZ.
Version 3.1, 01 December 2016. SDS routinely updated.
Version 3.0, 27 March 2012. SDS fully revised to comply with CLP (EC 1272/2008).
Previous version: 2.0, 16 March 2009.

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