

SAFETY DATA SHEET

Revision: 1.0 Date: 07.02.2017



ACCORDING TO EC-REGULATIONS 1907/2006 (REACH),
1272/2008 (CLP) & 453/2010

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Vesta Firelighters (Kerosene)

1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier	
Product Name	Vesta Firelighters (Kerosene)
CAS No.	Mixture.
EINECS No.	Mixture.
REACH Registration No.	None assigned.
1.2 Relevant identified uses of the substance or mixture and uses advised against	
Identified use(s)	Ignition of solid fuels in domestic appliances.
Uses advised against	None known.
1.3 Details of the supplier of the Safety Data Sheet Australian Distributor	
	Denbies Group 71 Star Crescent Hallam, Vic 3803.
Postal code	
Telephone	+613 9796 5811
Fax	+613 9796 5059
E-Mail (competent person)	info@denbies.com.au
1.4 Emergency telephone number	
Emergency Phone No.	+613 9796 5811

2. SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	
2.1.1 Regulation (EC) No. 1272/2008 (CLP)	Flam. Sol. 2; Flammable solid
2.1.2 Directive 67/548/EEC & Directive 1999/45/EC	R10: Flammable.
2.2 Label elements	
Product Name	According to Regulation (EC) No. 1272/2008 (CLP). Vesta Firelighters (Kerosene)
Hazard Pictogram	A diamond-shaped hazard pictogram with a red border and a black flame symbol in the center, representing a flammable solid.
Signal word(s)	Warning
Hazard statement(s)	H228: Flammable solid.
Precautionary statement(s)	P102: Keep out of reach of children. P210: Keep away from heat/sparks/open flames/hot surfaces. – No smoking. P270: Do not eat, drink or smoke when using this product.
2.3 Other hazards	None.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances Substances in preparations / mixtures

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3.2 Mixtures

EC Classification No. 1272/2008

Hazardous ingredient(s)	%W/W	Identification Number(s)	Registration number(s)	Hazard statement(s)
Kerosene (petroleum), hydrodesulfurized	>75%	CAS# 64742-81-0 EC# 265-184-9	01-2119485517-27-XXXX	Flam. Liq. 3; H226 Asp. Tox. 1; H304 Aquatic Chronic 2; H411
Non-hazardous ingredients	<25%	-	-	Not classified

EC Classification No. 67/548/EEC

Hazardous ingredient(s)	%W/W	Identification Number(s)	Registration number(s)	EC Classification and Risk Phrases
Kerosene (petroleum), hydrodesulfurized	>75%	CAS# 64742-81-0 EC# 265-184-9	01-2119485517-27-XXXX	R10: Flammable. N; R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65: Harmful: may cause lung damage if swallowed.
Non-hazardous ingredients	<25%	-	-	Not classified

3.3 Additional Information For full text of H/P phrases see section 16.

4. SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Inhalation

Unlikely route of exposure. Mixture is a solid. IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.

Skin Contact

Wash skin with soap and water. If skin irritation occurs: Get medical advice/attention.

Eye Contact

Flush eyes with water for at least 15 minutes while holding eyelids open. If eye irritation persists, get medical advice/attention.

Ingestion

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

4.2 Most important symptoms and effects, both acute and delayed

Repeated and/or prolonged skin contact may cause irritation. May cause eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Suitable Extinguishing Media

CO₂, Dry Powder, AFFF Foam, Alcohol Resistant Foam or water spray.

Unsuitable Extinguishing Media

Do not use water jet.

5.2 Special hazards arising from the substance or mixture

This product may give rise to hazardous fumes in a fire. Carbon monoxide, Carbon dioxide.

5.3 Advice for fire-fighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Chemical protection suit. Keep containers cool by spraying with water if exposed to fire. Evacuate if necessary.

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6. SECTION 6: ACCIDENTAL RELEASE MEASURES

- | | |
|--|---|
| 6.1 Personal precautions, protective equipment and emergency procedures | Remove or make safe all sources of ignition. Use personal protective equipment as required. Ensure adequate ventilation. |
| 6.2 Environmental precautions | Do not allow to enter drains, sewers or watercourses. |
| 6.3 Methods and material for containment and cleaning up | Sweep up and shovel into waste drums or plastic bags. Transfer to a lidded container for disposal or recovery. Keep away from heat and sources of ignition. |
| 6.4 Reference to other sections | See Also Section 13. |

7. SECTION 7: HANDLING AND STORAGE

- | | |
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| 7.1 Precautions for safe handling | Wear suitable gloves if prolonged skin contact is likely. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Keep away from heat and sources of ignition. |
| 7.2 Conditions for safe storage, including any incompatibilities
Storage Temperature
Storage Life
Incompatible materials | Ambient. Keep away from heat and direct sunlight.
Stable at ambient temperatures. Keep in a well-ventilated place.
Strong oxidising agents |
| 7.3 Specific end use(s) | Ignition of solid fuels in domestic appliances. |

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- | | |
|---|--|
| 8.1 Control parameters | |
| 8.1.1 Occupational Exposure Limits | No WEL: Workplace Exposure Limit (UK HSE EH40) |
| 8.1.2 Biological limit value | Not established. |
| 8.1.3 PNECs and DNELs | Not established |
| 8.2 Exposure controls | |
| 8.2.1 Appropriate engineering controls | Provide adequate ventilation. |
| 8.2.2 Personal protection equipment | Use personal protective equipment as required. |
| Eye/face protection | Not normally required. |



Skin protection (Hand protection/ Other)



Respiratory protection



Thermal hazards

- | | |
|--|--|
| 8.2.3 Environmental Exposure Controls | Not applicable.
Avoid release to the environment. |
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9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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|--|------------------|
| 9.1 Information on basic physical and chemical properties | |
| Appearance | Solid. |
| Colour | White. |
| Odour | Petroleum spirit |
| Odour Threshold (ppm) | Not established. |

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pH (Value)	Not available
Melting Point (°C) / freezing point	-49°C (Kerosene)
Boiling Point (°C) and boiling range	>= 90 <= 300 °C.(Kerosene)
Flash Point (°C)	> 38 °C (Kerosene)
Evaporation rate	Not available.
Flammability (solid, gas)	Flammable
Explosive limit ranges	Not applicable.
Vapour Pressure (mm Hg)	Not available.
Vapour Density (Air=1)	Not available.
Relative Density	0.7g/cm ³ @ 20°C (mixture)
Solubility(ies)	Insoluble in water.
Partition Coefficient (n-Octanol/water)	Not available.
Auto Ignition Temperature (°C)	Not available.
Decomposition Temperature (°C)	Not available.
Viscosity (mPa. s)	Solid (mixture)
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.
9.2 Other information	None.

10. SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Stable under normal conditions.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	Stable under normal conditions.
10.4 Conditions to avoid	Keep away from heat and direct sunlight. Avoid contact with heat and ignition sources.
10.5 Incompatible materials	Strong oxidising agents.
10.6 Hazardous Decomposition Product(s)	Decomposition products may include oxides of carbon.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects	
11.1.1 Mixture	
Acute toxicity	Not classified.
Irritation	Not classified, however Repeated and/or prolonged skin contact may cause irritation. May cause irritation to eyes, skin and air passages.
Corrosivity	Not classified.
Sensitisation	It is not a skin sensitiser.
Repeated dose toxicity	Not classified.
Carcinogenicity	No evidence of carcinogenicity.
Mutagenicity	There is no evidence of mutagenic potential.
Toxicity for reproduction	Not classified.
11.2 Other information	None.

12. SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	Mixture Not classified. Low acute toxicity.
12.2 Persistence and degradability	The product is likely to persist in the environment. Part of the components are biodegradable. (Kerosene)
12.3 Bioaccumulative potential	The substance has no potential for bioaccumulation.
12.4 Mobility in soil	Insoluble in water. The product has low mobility in soil.
12.5 Results of PBT and vPvB assessment	Not classified as PBT or vPvB.
12.6 Other adverse effects	None known.

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13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1	Waste treatment methods	Normal disposal is via incineration operated by an accredited disposal contractor. Disposal should be in accordance with local, state or national legislation.
13.2	Additional Information	None.

14. SECTION 14: TRANSPORT INFORMATION

14.1	UN number	UN 2623
14.2	UN Proper Shipping Name	VESTA FIRELIGHTERS, SOLID with flammable liquid 4.1
14.3	Transport hazard class(es)	III
14.4	Packing Group	Not classified as a Marine Pollutant.
14.5	Environmental hazards	None.
14.6	Special precautions for user	Not applicable.
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Limited Quantities: LQ9
14.8	Additional Information	Transport Category: 4(E)

15. SECTION 15: REGULATORY INFORMATION

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture	
15.1.1	EU regulations	
	Authorisations and/or restrictions on use	None known.
15.1.2	National regulations	None known.
15.2	Chemical Safety Assessment	Not available.

16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

References: Existing Safety Data Sheets (SDSs) and Existing ECHA registration(s) for Kerosene (CAS# 64742-81-0).

Classification of the substance or mixture According to Regulation (EC) No. 1272/2008 (CLP).	Classification Procedure
Flam. Sol. 2	Test Result

LEGEND

LTEL	Long Term Exposure Limit
STEL	Short Term Exposure Limit
DNEL	Derived No Effect Level
PNEC	Predicted No Effect Concentration
PBT	Persistent, Bioaccumulative and Toxic
vPvB	very Persistent and very Bioaccumulative

Disclaimers

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Annex to the extended Safety Data Sheet (eSDS)

No information available.