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MATERIAL SAFETY DATA SHEET

STOVE CARE FIRE IGNITERS



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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name: Stove Care Fire Igniters

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended uses: Firestarter

1.3. Details of the supplier of the safety data sheet

Supplier: Excel Industries
Coolmine Industrial estate
Clonsilla Road, Dublin 15, Ireland.

Tel: Tel: 00 353 1811 8701
Fax: Fax: 00 353 1811 8785
E mail: sales@excel-industries.com

1.4. Emergency telephone number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

DPD-classification:

The product shall not be classified as hazardous according to the national classification and labelling rules.

Most serious harmful effects:

May cause slight irritation to the skin and eyes.

2.2. Label elements

Hazard designation: The product shall not be classified as hazardous according to the national classification and labelling rules.

Other labelling: Safety data sheet available for professional users on request.

2.3. Other hazards

Assessment to determine PBT and vPvB has not been made.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Registration number	CAS/EC Number	Substance	DSD-classification/ CLP-classification	w/w%	Note
.	64742-48-9	Naphtha (petroleum), hydrotreated	Xn;R65 R66	25-50	4
.	265-150-3	heavy (<0.1% benzene)	Asp. Tox. 1;H304	.	.
.	107-21-1	Ethanediol	Xn;R22	1-5	.
.	203-473-3	.	Acute Tox . 4;H302	.	.

4) R65 is not applicable due to the high viscosity of the product.

Please see section 16 for the full text of R- phrases and H -phrases .





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SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:	Seek fresh air. Seek medical advice in case of persistent discomfort.
Ingestion:	Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort.
Skin:	Remove contaminated clothing. Wash skin with soap and water. Seek medical advice in case of persistent discomfort.
Eyes:	Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.
Burns:	Flush with water until pain ceases. Remove clothing that is not stuck to the skin – seek medical advice/transport to hospital. If possible, continue flushing until medical attention is obtained.
Other information:	When obtaining medical advice, show the safety data sheet or label.

4.2. Most important symptoms and effects, both acute and delayed

May cause slight irritation to the skin and eyes. The product releases organic solvent vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause headache and intoxication.

4.3. Indication of any immediate medical attention and special treatment needed

No special immediate treatment required. Treat symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with powder, foam, carbon dioxide or water mist. Use water or water mist to cool non-ignited stock.
Unsuitable extinguishing media	Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

Product decomposes in fire conditions or when heated to high temperatures, and inflammable and toxic gases may be released.

5.3. Advice for firefighters

Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases – seek fresh air. Wear Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:	Wear gloves.
For emergency responders:	In addition to the above: Normal protective clothing equivalent to EN 469 is recommended.

6.2. Environmental precautions

Prevent spillage from entering drains and/or surface water.

6.3. Methods and material for containment and cleaning up

Sweep up/collect spills for possible reuse or transfer to suitable waste containers.

6.4. Reference to other sections

See point 8 for type of protective equipment. See point 13 for instructions on disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Use the product under well-ventilated conditions, preferably outdoors. Running water and eye wash equipment should be available. Wash hands before breaks, before using restroom facilities, and at the end of work. See item 8 for information about personal protection.

7.2. Conditions for safe storage, including any incompatibilities

The product should be stored safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc. Keep in tightly closed original packaging. Store frost-free.

7.3. Specific end use(s)

None.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters





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Occupational exposure limits:

Ingredient:	Exposure limit	Remarks
Naphtha (petroleum), hydrotreated heavy (<0.1% benzene)	1200 mg/m ³	*)
Ethanediol, particulate	10 mg/m ³ (8h)	Sk
Ethanediol, vapour	20 ppm (8h), 40 ppm (15m)	
	52 mg/m ³ (8h), 104 mg/m ³ (15m)	

Legal basis: E H40/2005 Workplace exposure limits incl. supplement from October 2007.

Remarks: *) Exposure limit for white spirit (>C7 normal branched)
Sk: Can be absorbed through skin

Measuring methods: Compliance with the stated occupational exposure limits may be checked by occupational hygiene measurements.

8.2. Exposure controls

Appropriate engineering controls: Wear the personal protective equipment specified below. See also section 7.1.

Personal protective equipment, eye/face protection: Wear safety goggles if there is a risk of dust contact with eyes. Eye protection must conform to EN 166.

Personal protective equipment, skin protection: In case of direct skin contact, wear protective gloves of e.g. nitrile. Gloves must conform to EN 374.

Personal protective equipment, respiratory protection: Not required.

Environmental exposure controls: Ensure compliance with local regulations for emissions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State:	Solid substance
Colour:	White
Odour:	Weak
Odour threshold:	No data
pH (solution for use):	No data
pH (concentrate):	No data
Melting point/freezing point:	No data
Initial boiling point and boiling range:	No data
Flash point:	> 65°C
Evaporation rate:	No data
Flammability (solid, gas):	Flammability: 240°C
Upper/lower flammability limits:	No data
Upper/lower explosive limits:	No data
Vapour pressure:	No data
Vapour density:	No data
Relative density:	0,9
Solubility:	Insoluble in water
Partition coefficient n-octanol/water:	No data
Auto-ignition temperature:	No data
Decomposition temperature:	No data
Viscosity:	No data
Explosive properties:	No data
Oxidising properties:	No data

9.2. Other information

None.

SECTION 10: Stability and reactivity

10.1. Reactivity

Not reactive.

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

None known.





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- 10.4. Conditions to avoid
None known.
- 10.5. Incompatible materials
None known.
- 10.6. Hazardous decomposition products
When heated to high temperatures, the product releases small quantities of volatile substances.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

- Acute toxicity - oral: Ingestion may cause discomfort. The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.
67762-38-3: Rat: LD50 >17,2 g/kg
- Acute toxicity - dermal: The product does not have to be classified. Test data are not available.
- Acute toxicity - inhalation: The product does not have to be classified. Test data are not available.
- Skin corrosion/irritation: May cause slight irritation. The product does not have to be classified. Test data are not available.
- Serious eye damage/eye irritation: Temporary irritation. The product does not have to be classified. Test data are not available.
- Sensitisation: The product does not have to be classified. Test data are not available.
- Mutagenicity: The product does not have to be classified. Test data are not available.
- Carcinogenic properties: The product does not have to be classified. Test data are not available.
- Reproductive toxicity: The product does not have to be classified. Test data are not available.
- Toxicity in case of single exposure: The product releases organic solvent vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause headache and intoxication. The product does not have to be classified. Test data are not available.
- Toxicity in case of repeated or prolonged exposure: The product does not have to be classified. Test data are not available.
- Aspiration hazard: The product does not have to be classified. Test data are not available.
- Other toxicological effects: None known.

SECTION 12: Ecological information

- 12.1. Toxicity
The product does not have to be classified. Test data are not available.
- 12.2. Persistence and degradability
Test data are not available.
- 12.3. Bioaccumulative potential
Test data are not available.
- 12.4. Mobility in soil
Test data are not available.
- 12.5. Results of PBT and vPvB assessment
No assessment has been made.
- 12.6. Other adverse effects
None.





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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Avoid discharge to drain or surface water. Contact the local authorities.

EWC code: Depends on line of business and use, for instance 16 05 09 discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08

SECTION 14: Transport information

ADR/RID

- 14.1. UN number -
- 14.2. UN proper shipping name -
- 14.3. Transport hazard class(es) -
- 14.4. Packing group -
- Hazard identification number -
- Tunnel restriction code: -
- 14.5. Environmental hazards -

ADN

- 14.1. UN number -
- 14.2. UN proper shipping name -
- 14.3. Transport hazard class(es) -
- 14.4. Packing group -
- 14.5. Environmental hazards -
- Environmental hazard in tank vessels: -

IMDG

- 14.1. UN number -
- 14.2. UN proper shipping name -
- 14.3. Transport hazard class(es) -
- 14.4. Packing group -
- 14.5. Environmental hazards -
- IMDG Code segregation group: -

ICAO/IATA

- 14.1. UN number -
- 14.2. UN proper shipping name -
- 14.3. Transport hazard class(es) -
- 14.4. Packing group -

- 14.6. Special precautions for user -

- 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code -

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Special provisions: None.





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15.2. Chemical safety assessment

Chemical safety assessment has not been performed.

SECTION 16: Other information

Abbreviation explanations:

PBT: Persistent, Bioaccumulative and Toxic
vPvB: Very Persistent and Very Bioaccumulative

R-phrases:

R22 Harmful if swallowed.
R65 Harmful: May cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.

H-phrases:

H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.

Training:

A thorough knowledge of this safety data sheet should be a prerequisite condition.

