



## SAFETY DATA SHEET

*This Safety Data Sheet complies with the Canadian Hazardous Products Regulations, the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard, 29 CFR 1910 (OSHA HCS), and the European Union Directives.*

### 1. Product and Supplier Identification

1.1 **Product:** Coghlan's Fire Disc #1424, #1426

1.2 **Other Means of Identification:** None

1.3 **Product Use:** Fire starter disc

1.4 **Restrictions on Use:** None known

1.5 **Producer:** Coghlan's Ltd.,  
121 Irene Street,  
Winnipeg, Manitoba  
Canada, R3T 4C7

Telephone: +1(204) 284-9550  
Facsimile: +1(204) 475-4127

**Supplier:** As above

1.6 **Emergencies:** +1(877) 264-4526

### 2. Hazards Identification

#### 2.1 Classification of product or mixture

This product in an untested mixture and GHS classification is based on the classification of the ingredients and their concentrations. Proprietary ingredients, if any, do NOT exhibit any health effects not listed in this SDS.

**GHS Classification:** No GHS Classification

#### 2.2 GHS Label Elements, including precautionary statements

**Pictogram:** None

**Signal Word:** None

**GHS Hazard Statements:** None

**GHS Precautionary Statements:**

**Prevention:** None

**Response:** None

**Storage:** None

**Disposal:** None.

**2.3 Hazards not otherwise classified (HNOC) or not covered by GHS:** When igniting fire disc, danger of skin burns may occur.

**2.4 Additional Information**

**Primary Routes of Entry:**

Skin Contact:	No
Skin Absorption:	No
Eye Contact:	No
Ingestion:	No
Inhalation:	No

**Emergency Overview:** When using the fire discs as a fire starter, care must be taken to prevent injury by burns to skin and eyes. When burned, fumes and smoke may be irritating to the respiratory tract. Inhalation of vapours from this product are harmful acutely and chronically.

**Effects of Short-Term (Acute) Exposure:**

**Inhalation:** The burning of this product will release gaseous compounds that are irritating to the respiratory tract. Inhalation of product vapours may result in drowsiness or dizziness.

**Skin Contact:** Skin contact with ignited product will cause significant burns.

**Eye Contact:** Smoke or vapours from the burning product may cause transient eye discomfort.

**Ingestion:** Accidental ingestion is unlikely due to form of product. If product is ingested, and feel unwell, contact a doctor for medical advice.

**Effects of Long-Term (Chronic) Exposure:**

Prolonged contact with this product is unlikely to produce chronic health effects.

**Medical Conditions Aggravated By Exposure:** This product does contain various wood components in sawdust or shavings. Some persons may experience skin reactions when in contact with certain wood varieties. If a reaction should occur, wear skin protection before using.

### 3. Composition

#### 3.1 Mixture composition

Component	% (w/w)	GHS Classification
Paraffin waxes and hydrocarbon waxes CAS No 8002-74-2 EINECS No 232-315-6	80 – 100	No GHS Classification
Wood shavings and sawdust CAS No Mixture EINECS No None	1 - 20	No GHS Classification
Other Non-hazardous ingredients or those below disclosure requirements	None	Not applicable

### 4. First Aid Measures

#### 4.1 Description of First Aid Measures

**General advice:** If ingested and feel unwell, contact a physician for medical advice. For burns, seek medical advice.

**In case of eye contact:** Immediately flush eyes with water for 10 minutes minimum. While rinsing eyes, hold eyelids open occasionally to more effectively cleanse the eye. Remove contact lenses, if safe to do so. If irritation occurs and persists, consult a doctor immediately.

**In case of skin contact:** Wash hands/skin immediately with soap and water after handling. If irritation occurs or persists seek medical advice.

**If inhalation:** Remove victim to fresh air. Give artificial respiration. If breathing is labored, give oxygen. Seek medical attention if breathing is difficult or discomfort occurs.

**If ingestion:** Do NOT give anything by mouth to an unconscious person. Rinse mouth with water. If you feel unwell, contact a physician for medical advice.

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

**Effects of Short-Term (Acute) Exposure:**

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**Medical Conditions Aggravated By Exposure:** This product does contain various wood components in sawdust or shavings. Some persons may experience skin reactions when in contact with certain wood varieties. If a reaction should occur, wear skin protection before using.

- 4.3 Indication of any immediate medical attention and special treatment needed**  
None indicated.

## 5. Fire Fighting Measures

### 5.1 Extinguishing Media

**Suitable extinguishing media:** Product is fire fuel. When ignited use water spray, alcohol resistant foam, dry chemical or carbon dioxide.

- 5.2 Special hazards arising from mixture:** When igniting, ensure care is taken not to burn the skin.

**Advice for firefighters:** In any fire situation, firefighters should wear full protective clothing including self contained breathing apparatus. Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

### 5.3 Further Information:

**Sensitivity to Impact:** No  
**Sensitivity to Static Discharge:** No

#### HAZARDOUS MATERIALS INFORMATION SYSTEM (HMIS) HAZARD INDEX:

HEALTH: 0

FLAMMABILITY: 1

REACTIVITY: 0

PERSONAL PROTECTION: None

## 6. Accidental Release Measures

### 6.1 Personal precautions, protective equipment and emergency procedures

All spill responders involved in a cleanup of this product must follow good industrial hygiene practices. A small spill can be handled routinely. Wear suitable protective equipment and eye protection to prevent skin and eye contact. Extinguish all sources of ignition and remove containers of fire discs if safe to do so.

**Respiratory Protection:** To avoid inhaling smoke/vapours, use self-contained breathing apparatus.

**Skin protection:** Wear suitable protective equipment to prevent skin contact.

**Eye and Face Protection:** Wear chemical goggles or full face protection.

**Footwear:** No specific recommendation.

**Other:** None

### 6.2 Environmental precautions

This product is unlikely to cause damage to the aquatic environment but ensure that spilled material does not enter sewers or natural waterways.

### 6.3 Methods and materials for containment and cleanup

Immediately remove all sources of heat/ignition. Pickup spilled discs for future use or proper disposal.

**Remedial Measures:** Do not use unprotected hands to collect spilled material. Ensure proper protective equipment is used to prevent contact with skin and eyes.

**Large Spills:** No special recommendation.

**Small Spills:** Pickup spilled discs for future use or proper disposal.

**6.4 Reference to other sections**

For disposal, see Section 13.

## 7. Handling and Storage

**7.1 Precautions for safe handling**

**Handling Procedures:** No special handling instructions are indicated.

**7.2 Conditions for safe storage, including incompatibilities**

**Storage:** Keep container closed when not in use and store in a cool, dry, well-ventilated area away from heat, flame, sources of ignition, direct sunlight. Protect from sparks, heat or flame. Empty containers may contain residues which are hazardous. Always keep fire discs in the original container. Store away from incompatible materials such as strong oxidizers.

**7.3 Specific end use(s)**

No other uses except those mentioned in Section 1.3

## 8. Exposure Controls, Personal Protection

**8.1 Control parameters**

**Components with workplace control parameters**

Paraffin waxes and Hydrocarbon waxes	ACGIH* 2 mg/m <sup>3</sup> , TLV-TWA NIOSH* 2 mg/m <sup>3</sup> , IDLH OSHA* 2 mg/m <sup>3</sup> , PEL
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\* ACGIH: American Conference of Governmental Industrial Hygienists. Exposure limits may vary from time to time and from one jurisdiction to another. Check with local regulatory agency for the exposure limits in your area. NIOSH: National Institute for Occupational Safety and Health. OSHA: Occupational Safety and Health Administration.

**8.2 Exposure Controls**

**Engineering Controls:** Fire discs are designed to be used outdoors. Avoid breathing vapours from product or smoke from the flame, when ignited.

**Respiratory Protection:** Not applicable for consumers provided package instructions are followed. In circumstances of high concentration of smoke, a NIOSH approved air purifying respirator with N, P or R95 or HE filter and an organic vapour cartridge may be permissible.

**Skin protection:** Use nitrile gloves for skin protection if continual use of fire discs is necessary.

**Eye and Face Protection:** Not applicable for consumers following product directions.

**Footwear:** No specific recommendation.

**Other:** None

**Control of environmental exposure**

None

## 9. Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

<b>Appearance:</b>	Solid disc
<b>Odour:</b>	No data
<b>Odour Threshold:</b>	No data
<b>pH:</b>	Not determined
<b>Melting Point/Freezing Point:</b>	Not determined
<b>Initial Boiling Point:</b>	Not determined
<b>Flash Point:</b>	182°C (Closed Cup)
<b>Evaporation Rate:</b>	No data
<b>Flammability:</b>	Flammable
<b>Upper Explosion Limit:</b>	Not available
<b>Lower Explosion Limit:</b>	Not available
<b>Vapour Pressure:</b>	No data
<b>Vapour Density:</b>	Not available
<b>Relative Density:</b>	Not available
<b>Solubility:</b>	Insoluble in water
<b>Partition Coefficient:</b>	Not available
<b>Autoignition Temperature:</b>	Not determined
<b>Decomposition Temperature:</b>	Not available
<b>Viscosity:</b>	Not available
<b>Explosive Properties:</b>	Not available
<b>Oxidizing Properties:</b>	Not available
<b>Percent Volatiles:</b>	No data

9.2 Other safety information: None

## 10. Stability and Reactivity

### 10.1 Reactivity

May be reactive under conditions of heat.

### 10.2 Chemical Stability

Stable under recommended storage conditions. Storage should be in a dry, cool, well-ventilated area away from incompatible materials, sources of ignition and heat, out of direct sunlight.

### 10.3 Possibility of hazardous reactions

No known hazardous reactions

### 10.4 Conditions to avoid

Heat, sparks, flames, sources of ignition which may initiate burning. During fire, irritating and possible toxic gases may be generated by thermal decomposition or combustion. Keep away from incompatible materials.

### 10.5 Incompatible materials

Strong oxidizing agents.

### 10.6 Hazardous decomposition products

Oxides of carbon as well as unknown irritation gases may be generated by thermal decomposition or combustion.

## 11. Toxicological Information

### 11.1 Information on toxicological effects

**Acute toxicity**

No GHS classification

**Skin corrosion/irritation**

No GHS classification

**Serious eye damage/eye irritation**

No GHS classification

**Respiratory or skin sensitization**

No GHS classification

**Germ Cell Mutagenicity**

No GHS classification

**Carcinogenicity**

No GHS classification

**Reproductive toxicity**

No GHS classification

**Specific Target Organ Toxicity – Single exposure**

No GHS classification

**Specific Target Organ Toxicity – Repeated exposure**

No GHS classification

**Aspiration Hazard**

No GHS classification

**Aquatic Toxicity**

No GHS classification

**Additional information**

Component	LD <sub>50</sub>	LC <sub>50</sub>
Paraffin Waxes and Hydrocarbon Waxes CAS No 8002-74-2	>5000 mg/kg (oral/rat) >3600 mg/kg (dermal/rabbit)	N/d

## 12. Ecological Information

### 12.1 Toxicity

**Aquatic**, Acute Aquatic Toxicity, Not classifiable

**Aquatic**, Chronic Aquatic Toxicity, Not classifiable

**Data:** No data available

### 12.2 Persistence and degradability

No data available

- 12.3 Bioaccumulative potential**  
No data available
- 12.4 Mobility in soil**  
No data available
- 12.5 Results of PBT and vPvB assessment**  
Not conducted
- 12.6 Other adverse effects**  
No data available

## 13. Disposal Considerations

### 13.1 Waste treatment methods

**Product:**

Do not reuse empty containers. Dispose of product according to all applicable local, state (provincial), and federal regulations. Offer to a licensed disposal company, properly contained and labelled.

**Contaminated Packaging:**

As above

## 14. Transport Information

**Transport of Dangerous Goods (TDG and CLR)\*:** Not regulated for transport

**United States Department of Transport (49CFR):** Not regulated for transport

**International Air Transport Association (IATA):** Not regulated for transport

**International Maritime Organization (IMO)** Not regulated for transport

## 15. Regulatory Information

**CANADIAN FEDERAL REGULATIONS:**

CEPA, DOMESTIC SUBSTANCES LIST: Listed

**AMERICAN FEDERAL REGULATIONS:**

**CERCLA Hazardous Substance List (40 CFR 302.4)** Not regulated

**SARA 302 Extremely hazardous substance:** Not regulated

**SARA 311/312 Hazardous chemical:** Not regulated

**SARA 313 (TRI reporting):** SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.



**Other State Regulations:**

**Massachusetts Right to Know Components:**

Paraffin Waxes, CAS No 8002-74-2      Rev Date: 2007-03-01

**Pennsylvania Right to Know Components:**

Paraffin Waxes, CAS No 8002-74-2      Rev Date: 2007-03-01

**New Jersey Right to Know Components:**

Paraffin Waxes, CAS No 8002-74-2      Rev Date: 2007-03-01

**California Prop 65 Components:** This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

**OTHER:**

None

## 16. Other Information

**Original Preparation Date:** August 3, 2018

**Prepared by:** Technical Department, Coghlan's Ltd.

**Disclaimer:** This Safety Data Sheet (SDS) was prepared using information provided by CCINFO, ingredient supplier SDS and other relevant sources. This product has been classified using weight of evidence, expert judgment and previous testing as per Part 1.3 of the Seventh Edition of The Globally Harmonized System of Classification and Labelling of Chemicals (GHS). The information in this SDS is offered for your consideration and guidance when exposed to this product. Coghlan's Ltd expressly disclaims all expressed or implied warranties and assumes no responsibilities for the accuracy or completeness of the data contained herein. The data in this SDS does not apply to use with any other product or in any other process.

***This Safety Data Sheet may not be changed, or altered in any way without the expressed knowledge and permission of Coghlan's Ltd.***

**Revisions:** None