



# SAFETY DATA SHEET

## Imperial Manufacturing Group

### Squeez'n Light Fire Starter Gel

#### 1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND OF THE COMPANY

**Product Identifier:**

**Product Name** Squeez'n Light Fire Starter Gel

**Other Identification Means:**

**Synonyms** CH0128-B/KK0343/KK0344

**Use of Substance/Preparation and Restrictions:**

**Recommended Use:** Fire starter gel.

**Uses Advised Against:** No information available

**SDS Supplier Details:**

**Company Name:** Imperial Manufacturing Group Inc.

**Company Identification:** 40 Industrial Park Street  
Richibucto, N.B.  
Canada  
E4W 4A4  
www.imperialgroup.ca

**Company Emergency Telephone Number** Canutec (613) 996-6666 (Collect)

#### 2. HAZARD IDENTIFICATION

**Emergency Overview:**

**OSHA / WHMIS 2015 Hazards**

**Classification of substance or mixture**

**GHS-US/Canadian classification:**

Flammable Liquid Category 3 H226

Eye Irritant Category 2B H320

**Label Elements**

**GHS Labeling**

**Hazard Pictograms (GHS):**



**Signal Word (GHS):** Warning.

**Hazard Statements (GHS):**

H226: Flammable liquid and vapour.

H320: Causes eye irritation.

**Precautionary Statements (GHS):**

P210: Keep away from heat, sparks, open flames, and hot surfaces-No smoking.

P233: Keep container tightly closed.



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P240: Ground/bond container  
P241: Use explosion proof electrical/ ventilating/lighting equipment.  
P243: Take all precautionary measures against static discharge.  
P261: Avoid breathing mist or vapour.  
P262: Do not get in eyes, on skin or on clothing.  
P271: Use only outdoors or in well ventilated area.  
P280: Wear protective gloves/ protective clothing/ eye protection/ face protection.

#### Response Statements (GHS):

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Description:** Chemical Blend

| Ingredient | CAS#    | % by Wt | Classification                                                                                                                          |
|------------|---------|---------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Ethanol    | 64-17-5 | 60-100  | Flammable Liquids Category 2 –H225<br>Acute Toxicity Category 5 (Oral) - H303<br>Serious Eye Damage / Eye Irritation Category 2A – H319 |

### 4. FIRST AID MEASURES

**Inhalation:** Remove to fresh air. If symptoms persist consult physician.

**Eye Contact:** Remove contacts. Flush with water for several minutes, occasionally lifting the upper and lower eyelids. Repeat if required. If irritation persists, get medical attention.

**Skin Contact:** Thoroughly wash exposed skin with soap and water. Remove any contaminated clothing and wash before reuse.

**Ingestion:** Wash out mouth with water. Drink plenty of water. Do not induce vomiting unless directed by medical personal. Never give anything to an unconscious person. Get medical aid.

**Notes to Physician:** Treatment based on judgment of attending physician.

### 5. FIRE FIGHTING MEASURES

**Suitable extinguishing media:** Flood with water for extinguishing agent. CO2, dry chemical, alcohol resistant foam

**Unsuitable extinguishing media:** None known.

**Special exposure hazards** Thermal decomposition releases irritating gases.

**Special safety equipment:** Self-contained positive pressure breathing apparatus and protective clothing.

**Fire and explosion** Flammable. Not an explosive hazard.

**Further information** Keep containers and surrounding cool with water spray.



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#### 6. ACCIDENTAL RELEASE MEASURES

##### Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Do not get in eyes, on skin, or on clothing. Do not breathe vapour or mist.

##### For Non-Emergency Personnel

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

##### For Emergency Personnel

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Ventilate area.

##### Environmental Precautions

Prevent entry to sewers and public waters.

##### Methods and Material for Containment and Cleaning Up

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

**Methods for Cleaning Up:** Clear up spills immediately with absorbent and dispose of waste safely.

##### Reference to Other Sections

See Heading 8. Exposure controls and personal protection.

#### 7. HANDLING AND STORAGE

##### Precautions for safe handling:

Ensure good ventilation/exhaustion at the workplace.

Avoid splashes or spray in enclosed areas.

##### Information about fire and explosion protection:

No special measures required.

##### Conditions for safe storage, including any incompatibilities:

**Storage:** Acids, Oxidizers, reducing agents.

##### **Requirements to be met by storerooms and receptacles:**

Store in a cool location.

Avoid storage near extreme heat, ignition sources or open flame.

##### **Information about storage in one common storage facility:**

Store away from foodstuffs.

##### **Further information about storage conditions:**

Store in cool, dry conditions in well sealed receptacles.

Store receptacle in a well-ventilated area.

Keep container tightly sealed.

**Specific end use(s)** No further relevant information available.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

##### Respiratory protection:

Use local exhaust or dilution ventilation.

##### Hand protection:

Chemical resistant gloves for repeated or prolonged use.

##### Eye protection:

Safety goggles or full- face shield.

##### Skin protection:

Use body-covering impervious clothing.

##### Working hygiene:

Take usual precautions when handling. Workers should wash hands before eating, drinking, or smoking.

##### Exposure Guidelines:



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Ethanol: ACGIH TLV (United States, 3/2012) TWA: 1000 ppm 8 hours.  
NIOSH REL (United States, 1/2013) TWA: 1000 ppm 10 hours.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties

|                            |                       |                       |                    |
|----------------------------|-----------------------|-----------------------|--------------------|
| Physical State             | Liquid.               |                       |                    |
| Appearance                 | Viscous Gel           | Odour                 | Typical.           |
| Colour                     | Pink or Green.        | Odour Threshold       | No data available. |
| <u>Property</u>            | <u>Values</u>         | <u>Remarks/Method</u> |                    |
| pH                         | 7.0                   | None known            |                    |
| Melting/Freezing Point     | No data available     | None known            |                    |
| Boiling Point/Range        | No data available     | None known            |                    |
| Flash Point                | 13 C.                 | None known            |                    |
| Evaporation Rate           | Similar               | None known            |                    |
| Flammability (solid, gas)  | Flammable             | None known            |                    |
| Flammability Limit in Air: |                       |                       |                    |
| Upper Limit                | 15.0 Vol %            | None known            |                    |
| Lower Limit                | 3.5 Vol %             | None known            |                    |
| Vapour Pressure            | No data available     | None known            |                    |
| Vapour density             | No data available     | None known            |                    |
| Specific Gravity           | 0.8 g/cm <sup>3</sup> |                       |                    |
| Water Solubility           | Soluble in water.     | None known            |                    |
| Solubility Other Solvents  | No data available     | None known            |                    |
| Partition Coefficient:     |                       |                       |                    |
| n-octanol/water            | No data available     | None known            |                    |
| Autoignition temperature   | No data available     | None known            |                    |
| Decomposition              | No data available     | None known            |                    |
| Temperature                |                       |                       |                    |
| Kinematic Viscosity        | No data available     | None known            |                    |
| Dynamic Viscosity          | No data available     | None known            |                    |
| Explosive Properties       | No data available     | None known            |                    |
| Oxidizing Properties       | No data available     | None known            |                    |
| <u>Other Properties:</u>   |                       |                       |                    |
| Softening Point            | No data available     |                       |                    |
| VOC Content %              | No data available     |                       |                    |
| Particle Size              | No data available     |                       |                    |
| Particle Size Distribution | No data available     |                       |                    |

## 10. STABILITY AND REACTIVITY

|                    |                                                                       |
|--------------------|-----------------------------------------------------------------------|
| Reactivity         | Stable.                                                               |
| Chemical stability | Stable under recommended handling and storage conditions (see section |



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|                                            |                                                                                                                                              |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Thermal decomposition/conditions to avoid: | 7).                                                                                                                                          |
| Possibility of hazardous reactions         | No decomposition if used and stored according to specifications.                                                                             |
| Conditions to avoid                        | Hazardous polymerization will not occur.<br>Extremely high or low temperatures. Avoid heat, sparks, open flames, and other ignition sources. |
| Hazardous decomposition products           | Carbon oxides (CO, CO <sub>2</sub> ).                                                                                                        |
| Materials to avoid                         | Reducing agents. Strong acids.                                                                                                               |
| Hazardous polymerization                   | Will not occur                                                                                                                               |

## 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

**Acute toxicity:** Harmful if swallowed.

**LD/LC50 values relevant for classification:**

**Ethanol CAS# 64-17-5:**

LD50 (Oral) Rat 7060 mg/kg

LD50 (Dermal) Rabbit > 2000 mg/kg

LC50 (Inhalation) Rat 2000 mg/l/4h

**On the skin:** Causes drying of the skin with repeated use.

**On the eye:** Causes pain and redness.

**Respiratory or Skin Sensitization:** Not classified as hazardous.

**Reproductive toxicity:** Not classified as hazardous.

**Aspiration:** Not classified as hazardous

**Additional toxicological information:**

**Carcinogenicity:**

**Chemical Name** Ethanol IARC Cat 1

## 12. ECOLOGICAL INFORMATION

|                                       |                                                                          |
|---------------------------------------|--------------------------------------------------------------------------|
| <b>Toxicity:</b>                      | Not classified                                                           |
| <b>Persistence and Degradability:</b> | Not available                                                            |
| <b>Bioaccumulative Potential:</b>     | Not available                                                            |
| <b>Mobility in Soil:</b>              | Not available.                                                           |
| <b>Other Adverse Effects</b>          | None known                                                               |
| <b>Other Information:</b>             | All of the organic components of this product are readily biodegradable. |

## 13. DISPOSAL

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, and international regulations.

**Ecology – Waste Materials:** Avoid release to the environment.

## 14. TRANSPORTATION INFORMATION

**Canadian TDG (Road & Rail): Regulated Material (Limited Quantity quantities of 1 litre or less can be shipped)**

Proper Shipping Name: Flammable liquid N.O.S

Contains: Ethanol

Hazard Class: 3

ID Number: UN 1993

Date: June 21, 2021

SDS: Imperial Manufacturing Group Squeez'n Light Fire Starter Gel



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Packing Group: II



**U.S. Department of Transportation (DOT): Regulated Material (Limited Quantity quantities of 1 litre or less can be shipped)**

Proper Shipping Name: Flammable liquid N.O.S

Contains Ethanol

Hazard Class: 3

ID Number: UN 1993

Packing Group: II



**Water Transportation (IMO): Regulated Material (Limited Quantity quantities of 1 litre or less can be shipped)**

Proper Shipping Name: Flammable liquid N.O.S

Contains: Ethanol

Hazard Class: 3

ID Number: UN 1993

Packing Group: II



**Air Transportation (IATA): Regulated Material (Limited Quantity quantities of 1 litre or less can be shipped)**

Proper Shipping Name: Flammable liquid N.O.S

Contains: Ethanol

Hazard Class: 3

ID Number: UN 1993

Packing Group: II





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#### 15. REGULATORY INFORMATION

##### Occupational Health & Safety Regulations:

**OSHA & WHMIS:** MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) and Canadian WHMIS regulations (Controlled Products Regulations under the Hazardous Products Act).

##### International Inventories

|                      |          |
|----------------------|----------|
| <b>TSCA</b>          | Complies |
| <b>DSL/NDSL</b>      | Complies |
| <b>EINECS/ELINCS</b> | Complies |
| <b>ENCS</b>          | Complies |
| <b>IECSC</b>         | Complies |
| <b>KECL</b>          | -        |
| <b>PICCS</b>         | Complies |
| <b>AICS</b>          | Complies |

##### Legend:

**TSCA** - All components of this product are listed or are exempt or excluded from listing on the United States Toxic Substances Control Act Section 8(b) Inventory.

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

##### U.S. State Regulations

##### California Proposition 65

This product does not contain any Proposition 65 chemicals.

##### HMIS III Rating

Health: 2 Hazard

Flammability: 2 Hazard

Physical: 0 Minimal Hazard

Personal Protection: B

SDS US (GHS HazCom 2012 and WHMIS 2015)

#### 16. OTHER INFORMATION

**Prepared By:** Technical Department.

**Issuing Date:** June 21, 2021.

Date: June 21, 2021

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# **SAFETY DATA SHEET**

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**Disclaimer:**

The manufacturer warrants that this product conforms to its standard specification when used according to direction. To the best of our knowledge the information contained herein is accurate. However, we do not assume accuracy or completeness of the information contained herein.

Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**End of Safety Data Sheet**