

**1****PRODUCT AND COMPANY IDENTIFICATION**

**Product Identifier:** One Match Fire Starter Gel  
**SDS Number:** 12  
**Product Code:** 48, 49, 49Q, 49W  
**Revision Date:** 5/6/2019  
**Version:** 1  
**Chemical Family:** Gelled alcohols  
**Product Description:** Gelled Alcohol Fire Starter  
**Product Use:** Fire starter

**Supplier Details:** Rutland Products  
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**2****HAZARDS IDENTIFICATION****Classification of the Substance or Mixture****GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):**

Physical, Flammable Liquids, 3  
Health, Serious Eye Damage/Eye Irritation, 2 A  
Health, Specific target organ toxicity - Single exposure, 3

**GHS Label Elements, Including Precautionary Statements****GHS Signal Word:** **WARNING****GHS Hazard Pictograms:****GHS Hazard Statements:**

H226 - Flammable liquid and vapour  
H319 - Causes serious eye irritation  
H336 - May cause drowsiness or dizziness

**GHS Precautionary Statements:**

P210 - Keep away from heat/sparks/open flames/hot surfaces.  
P243 - Take precautionary measures against static discharge.  
P261 - Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.  
P264 - Wash skin thoroughly after handling.  
P271 - Use only outdoors or in a well-ventilated area.  
P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection.  
P303 + P361 + P353 - IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.  
P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P312 - Call a POISON CONTROL CENTER (800-122-2222), physician or emergency room if you feel unwell.  
P337 + P313 - If eye irritation persists: Get medical advice/ attention.  
P370 + P378 - In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.  
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.

**Hazards not Otherwise Classified (HNOC) or not Covered by GHS**



## Safety Data Sheet

### One Match Fire Starter Gel

**Route of Entry:** Eyes; Ingestion; Skin;  
**Skin Contact:** May cause irritation.  
**Eye Contact:** May cause irritation.  
**Ingestion:** May be harmful if swallowed.

### 3 COMPOSITION/INFORMATION OF INGREDIENTS

Chemical Ingredients:		
CAS#	%	Chemical Name:
64-17-5		Ethanol or Ethyl alcohol or Ethanol solutions or Ethyl alcohol solutions
67-63-0		2-Propanol
9004-65-3		Cellulose, 2-hydroxypropyl methyl ether

Percentages withheld, Trade Secret.

### 4 FIRST AID MEASURES

**Inhalation:** Remove to fresh air. Seek medical attention if cough or other symptoms develop or persist.  
**Skin Contact:** Wash with plenty of water. Get medical attention if irritation develops or persists.  
**Eye Contact:** Immediately flush eyes with plenty of water. After initial flushing, remove contact lenses and continue flushing for at least 15 minutes. If effects occur, consult a physician, preferably an ophthalmologist. May cause injury due to mechanical action.  
**Ingestion:** If Swallowed, DO NOT INDUCE VOMITING. Give one cup (8 ounces or 240 ml) of water or milk if available and transport to a medical facility. Never give anything by mouth to an unconscious or convulsive person.

### 5 FIRE FIGHTING MEASURES

**Flammability:** Flammable  
**Flash Point:** 15.6 C (60 F)  
**Flash Point Method:** Closed cup  
**Burning Rate:** Not Available  
**Autoignition Temp:** Not Available  
**LEL:** Not Available  
**UEL:** Not Available

Dry powder, foam, carbon dioxide. Wear self contained breathing apparatus and other protective clothing.

### 6 ACCIDENTAL RELEASE MEASURES

Absorb spilled material and place in appropriate container for disposal.

### 7 HANDLING AND STORAGE

**Handling Precautions:** Avoid contact with eyes and skin. Use in a well-ventilated area. Avoid inhalation of vapors and mists. Keep away from sources of ignition.  
**Storage Requirements:** Keep container closed to prevent drying out. Keep away from heat, sparks, and flames. NO SMOKING. Store in a cool, well ventilated area. Store in cool/dry area.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** A system of local and/or general exhaust is recommended to keep employee exposures as low as possible.



## Safety Data Sheet

### One Match Fire Starter Gel

**Personal Protective Equipment:**

Exhaust ventilation; In poorly ventilated areas you must wear a supplied air respirator. Usage of safety glasses/ goggles is recommended. Wear protective clothing, including long sleeves and gloves, to prevent skin contact.

**9****PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Translucent Gel	<b>Odor:</b>	Alcohol
<b>Physical State:</b>	Liquid	<b>Molecular Formula:</b>	Not Available
<b>Odor Threshold:</b>	Not Available	<b>Solubility:</b>	Not Available
<b>Particle Size:</b>	Not Available	<b>Softening Point:</b>	Not Available
<b>Spec Grav./Density:</b>	0.94/7.9	<b>Percent Volatile:</b>	Not Available
<b>Viscosity:</b>	140000 - 170000 cps	<b>Heat Value:</b>	Not Available
<b>Saturated Vapor Concentration:</b>	Not Available	<b>Freezing/Melting Pt.:</b>	Not Available
<b>Boiling Point:</b>	Not Available	<b>Flash Point:</b>	15.6 C (60 F) (Closed Cup)
<b>Flammability:</b>	Flammable	<b>Octanol:</b>	Not Available
<b>Partition Coefficient:</b>	Not Available	<b>Vapor Density:</b>	Not Available
<b>Vapor Pressure:</b>	Not Available	<b>VOC:</b>	Not Available
<b>pH:</b>	Not Available	<b>Bulk Density:</b>	7.9 lbs/gal
<b>Evap. Rate:</b>	Not Available	<b>Auto-Ignition Temp:</b>	Not Available
<b>Molecular weight:</b>	Not Available	<b>UFL/LFL:</b>	Not Available
<b>Decomp Temp:</b>	Not Available		

**10****STABILITY AND REACTIVITY**

<b>Reactivity:</b>	No dangerous reactions known under normal conditions of use
<b>Chemical Stability:</b>	Product is stable under normal conditions.
<b>Conditions to Avoid:</b>	Heat, Flame or other sources of ignition
<b>Materials to Avoid:</b>	Strong Oxidizing Agents
<b>Hazardous Decomposition:</b>	Combustion will produce carbon dioxide and, possibly toxic chemicals such as carbon monoxide.
<b>Hazardous Polymerization:</b>	Will not occur.

**11****TOXICOLOGICAL INFORMATION**

No data available.

**12****ECOLOGICAL INFORMATION**

No information available

**13****DISPOSAL CONSIDERATIONS**

Dispose of in accordance with local, state and federal regulations.

**14****TRANSPORT INFORMATION**

UN1170, PGII, (Ethanol Solutions)

Classified LQ (ORM-D)

**15****REGULATORY INFORMATION**

RQ (CAS#) Substance - Reg Codes

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Ethanol or Ethyl alcohol or Ethanol solutions or Ethyl alcohol solutions (64-17-5) MASS, OSHAWAC, PA, TSCA, TXAIR



## Safety Data Sheet

### One Match Fire Starter Gel

2-Propanol (67-63-0) MASS, NJHS, NRC, OSHAWAC, PA, SARA313, TSCA, TXAIR

Cellulose, 2-hydroxypropyl methyl ether (9004-65-3) TSCA

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

#### Regulatory Code Legend

MASS = MA Massachusetts Hazardous Substances List

OSHA WAC = OSHA Workplace Air Contaminants

PA = PA Right-To-Know List of Hazardous Substances

TSCA = Toxic Substances Control Act

TXAIR = TX Air Contaminants with Health Effects Screening Level

NJHS = NJ Right-to-Know Hazardous Substances

NRC = Nationally Recognized Carcinogens

SARA313 = SARA 313 Title III Toxic Chemicals

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#### OTHER INFORMATION

PREPARED BY: Brian Miller

MANUFACTURER DISCLAIMER: The information presented herein is believed to be accurate but is not warranted. Recipients are advised to confirm in advance that the information is current, applicable and suitable to their circumstances.

Revision Date: 5/6/2019