

## SAFETY DATA SHEET



Date Prepared : 10/24/2013  
 SDS No : 49Q  
 Date Revised : 01/26/2016  
 Revision No : 2

## One Match Gelled Fire Starter

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** One Match Gelled Fire Starter  
**GENERAL USE:** Fire starter  
**PRODUCT CODE:** 49Q  
**PRODUCT FORMULATION NAME:** One Match Gelled Fire Starter

**MANUFACTURER**

Rutland Products  
 7 Crabtree Rd.  
 Jacksonville, IL 62650  
**Emergency Phone:** 800-424-9300  
**Alternate Emergency Phone:** 217-245-7810  
**Customer Service:** 800-544-1307  
**E-Mail:** sales@rutland.com

**24 HR. EMERGENCY TELEPHONE NUMBERS**

**Poison Control Center (Medical) :** (877) 800-5553  
**CHEMTREC (US Transportation) :** (800) 424-9300

## 2. HAZARDS IDENTIFICATION

**GHS CLASSIFICATIONS**

Flammable Liquids, Category 3

**GHS LABEL**

Flame

Exclamation  
mark

**SIGNAL WORD:** WARNING

**HAZARD STATEMENTS**

H226: Flammable liquid and vapour.  
 H320: Causes eye irritation.

**PRECAUTIONARY STATEMENTS****Prevention:**

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P280: Wear protective gloves, protective clothing, eye protection, & face protection.

**Response:**

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

**Storage:**

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

## One Match Gelled Fire Starter

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	Vol. %	CAS
2-Propanol	Withheld, trade secret.	67-63-0
Ethyl Alcohol	Withheld, trade secret.	64-17-5
Cellulose, 2-Hydroxypropyl Methyl Ether	Withheld, trade secret.	9004-65-3

**4. FIRST AID MEASURES**

**EYES:** 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.

**SKIN:** Wash with plenty of water. Get medical attention if irritation develops or persists.

**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.

**INHALATION:** Remove to fresh air. Seek medical attention if cough or other symptoms develop or persist.

**5. FIRE FIGHTING MEASURES**

**FLAMMABLE CLASS:** Flammable

**GENERAL HAZARD:** Flammable liquid and vapor! Dangerous fire hazard when exposed to heat or flame. Vapors can flow along surfaces to distant ignition source and flash back.

**EXTINGUISHING MEDIA:** Dry chemical, carbon dioxide or foam. Treat as a petroleum fire.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon monoxide and carbon dioxide

**EXPLOSION HAZARDS:** None Expected.

**FIRE FIGHTING PROCEDURES:** As in any fire, wear self-contained breathing apparatus operated in pressure-demand mode, (NIOSH approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:** Absorb spilled material and place in appropriate container for disposal.

**7. HANDLING AND STORAGE**

**GENERAL PROCEDURES:** Avoid contact with eyes, skin, and clothing.

**HANDLING:** Use with adequate ventilation. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Wash thoroughly after handling. Keep away from food and drinking water.

**STORAGE:** Store in a well-ventilated area suitable for flammable materials, away from incompatible substances. Protect from sources of ignition, heat or flame. Containers should be bonded and grounded for transfers to avoid static sparks.

**STORAGE TEMPERATURE:** Store in a cool place.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****EXPOSURE GUIDELINES**

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
EXPOSURE LIMITS				
Chemical Name	Type		ppm	mg/m <sup>3</sup>
2-Propanol	OSHA PEL	TWA	400	980
	ACGIH TLV	TWA	200	490
		STEL	400	960
	Supplier OEL	TWA	NL	NL
		STEL	NL	NL
Ethyl Alcohol	OSHA PEL	TWA	1000	1900
	ACGIH TLV	TWA	1000	1884

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

**PERSONAL PROTECTIVE EQUIPMENT**

**EYES AND FACE:** Wear safety glasses with side shields. Chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent) are recommended.

**SKIN:** Wear protective clothing, including long sleeves and gloves, to prevent skin contact. Thoroughly wash clothing before reuse.

**RESPIRATORY:** In case of insufficient ventilation, wear suitable respiratory equipment.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL STATE:** Gel

**ODOR:** Slight alcohol odor.

**ODOR THRESHOLD:** None known

**pH:** Not Available

**FLASH POINT AND METHOD:** 15.6°C (60°F) Closed cup.

**FLAMMABLE LIMITS:** Not Available

**AUTOIGNITION TEMPERATURE:** Not Available

**VAPOR PRESSURE:** Not Available

**VAPOR DENSITY:** Not Available

**BOILING POINT:** Not Available

**FREEZING POINT:** Not Available

**MELTING POINT:** Not Available

**THERMAL DECOMPOSITION:** Not Available

**SOLUBILITY IN WATER:** Not Available

**PARTITION COEFFICIENT: N-OCTANOL/WATER:** Not Available

**EVAPORATION RATE:** Not Available

**DENSITY:** 7.9 Lbs/Gal

**SPECIFIC GRAVITY:** 0.94

**VISCOSITY:** Not Available

One Match Gelled Fire Starter

**10. STABILITY AND REACTIVITY****HAZARDOUS POLYMERIZATION:** No**STABILITY:** Stable product.**CONDITIONS TO AVOID:** Heat, flame, other sources of ignition.**HAZARDOUS DECOMPOSITION PRODUCTS:** May include, and are not limited to: oxides of carbon**INCOMPATIBLE MATERIALS:** Strong oxidizing agents**11. TOXICOLOGICAL INFORMATION****CARCINOGENICITY**

Chemical Name	IARC Status
2-Propanol	3

**NOTES:** Not Available**12. ECOLOGICAL INFORMATION**

**ENVIRONMENTAL DATA:** Effect of low concentrations on aquatic life is unknown. May be dangerous if it enters water intakes. Notify local health and wildlife officials and operators of nearby water intakes in accordance with local, state and federal regulations.

**ECOTOXICOLOGICAL INFORMATION:** None known**BIOACCUMULATION/ACCUMULATION:** None known**13. DISPOSAL CONSIDERATIONS****DISPOSAL METHOD:** Dispose of this product in accordance with all applicable local, state and federal regulations.**14. TRANSPORT INFORMATION****DOT (DEPARTMENT OF TRANSPORTATION)****PRIMARY HAZARD CLASS/DIVISION:** ORM-D**AIR (ICAO/IATA)****SHIPPING NAME:** Ethanol solutions, 3, II**UN/NA NUMBER:** 1170**VESSEL (IMO/IMDG)****SHIPPING NAME:** Ethanol solutions, 3, II**UN/NA NUMBER:** 1170**MARINE POLLUTANT #1:** IMDG regulated**CANADA TRANSPORT OF DANGEROUS GOODS****PRIMARY HAZARD CLASS/DIVISION:** Limited quantity

One Match Gelled Fire Starter

**15. REGULATORY INFORMATION****UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

311/312 HAZARD CATEGORIES: Chronic health: Carcinogen Acute health: Adverse effect to target organs

**EPCRA SECTION 313 SUPPLIER NOTIFICATION**

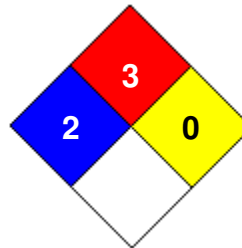
Chemical Name	Vol. %	CAS
2-Propanol	Withheld, trade secret.	67-63-0

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

Chemical Name	CAS
2-Propanol	67-63-0
Cellulose, 2-Hydroxypropyl Methyl Ether	9004-65-3

**TSCA STATUS:** All components are listed on the TSCA Inventory or are excluded or exempt.**16. OTHER INFORMATION****PREPARED BY:** Chad Stewart **Date Revised:** 01/26/2016**REVISION SUMMARY:** This SDS replaces the 01/18/2016 SDS.**HMIS RATING**

<b>HEALTH</b>	<input type="checkbox"/>	<b>2</b>
<b>FLAMMABILITY</b>	<input type="checkbox"/>	<b>3</b>
<b>PHYSICAL HAZARD</b>	<input type="checkbox"/>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<input type="checkbox"/>	

**NFPA CODES****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.