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US Government Approved and Combat Proven

Approved by the Defense Logistics Agency¹, *Utility Flame*[™] is a replacement for Trioxane fuel bars used for years by the US Army. A safer and greater heat source for combustion per unit mass was needed to replace the old "Heat Tabs". The problem was how can you get a safe hot beverage and a heated entree' at the same time, at a reasonable cost? How do you easily and safely get hot water available in the field? Where do you get hot water for personal hygiene?

It was designed and developed to provide an efficient heat source. It is safe, stable, odorless, smokeless, non restrictive, economical, non toxic and environment friendly. This energy source was developed to heat your beverage and entree' at the same time in less than eight minutes, and to continue boiling to achieve purified water in the field. It burns on any surface, and has an unlimited shelf life.

¹ Defense Logistics Agency, Andrew T. McNamara Building, 8725 John J. Kingman Road, Fort Belvoir, VA 22060-6221 USA. Attention: Distribution Chief of Staff. Tel: + 1 717 770 7325. References: National Stock Number: 9110-01-518-9201; Federal Supply Class: 9110; National Item Identification Number: 015189201; Description: Fuel,Gel,Diethylene Glycol



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Utility Flame™ portable fire gel is light, inexpensive, safe to transport by aircraft and extremely versatile. Its uses include:

- ➡ Boil water.
- ➡ Provide emergency sterilization.
- ➡ Make hot MREs.
- ➡ Reconstitute freeze dried foods.
- ➡ Heat a cup of coffee.
- ➡ Dry wet clothing.
- ➡ Start a camp fire. It can be used as a heat source in virtually any environment and situation.

Utility Flame™ portable fire gel is an important tool for numerous applications including:

- ➡ Military.
- ➡ Emergency Management Agencies.
- ➡ Disaster Responders such as Red Cross/Red Crescent.
- ➡ NGOs, Human Aid & Relief Organizations.
- ➡ Outdoor/Recreational (Camping, Hunting, Fishing, Extreme Expeditions, Safari).
- ➡ Home use as a starter fuel for portable fireplaces, barbeques and portable fire pits, or in home emergencies (storms, loss of electricity).



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Frequently Asked Questions

How long will Utility Flame™ portable fire gel burn?

- ➡ The contents of a 1.25oz (36g) packet will burn for approximately 15 minutes, long enough to boil water, to heat an MRE and to make a hot cup of coffee.

Is it toxic and what is the impact on the environment?

- ➡ Utility Flame™ portable fire gel is non-toxic, before, during and after the burn. The residue after burning is sand, and the only by-products are water and carbon dioxide. It is an environmental friendly heat source and is easy to clean up.

Does it smoke or emit any odor?

- ➡ No. Utility Flame™ portable fire gel burns with a smokeless, blue fire and produces no odor.

Will Utility Flame™ portable fire gel flare when ignited?

- ➡ No, Utility Flame™ does not flare when ignited.

Can Utility Flame™ portable fire gel be used in extreme climates or high altitudes?

- ➡ Yes, it will burn blue at 1,358° F (737°C) for 20 minutes at sea level. It will burn at high altitude and at temperatures as low as -23°F (-30.5°C).

Can it be transported on an airplane, ship or be sent through the mail?

- ➡ Yes. With its high ignition point and low vapor pressure, it has a portable fire hazard rating of 1 and is readily shipped with safety. There are no transport restrictions.



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Can it be opened and then reused at a later date?

➡ Yes, especially the 6 oz. (170g) packet with screw cap.

How long is the shelf life for Utility Flame™ portable fire gel?

➡ Unlimited so far. Original product is still effective.

How strong is the packaging?

➡ Our packages are designed and built to military specifications, with innovative, heavy foil laminated packets, or; poly-nylon squeeze packets

Why use foil laminated packets and poly-nylon squeeze packets?

➡ Foil laminated packets are ideal for a container that will fit anywhere – pockets, backpacks and best of all they are proportioned for exact use. These containers are very durable and flexible. Poly-nylon squeeze packets are best when multiple use is anticipated.



Burns On Any Surface



Non Toxic Residue



Safe For Air Transport

UtilityFlame
The Ultimate Fire Solution

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Directions For Use

- ➡ Unfold and form the stove, keeping the small cutout as a surface for the *Utility Flame™* portable fire gel.
- ➡ Open the packet either by tearing the top of the container at the notches on each side (small packet) or unscrewing the cap (large packet).
- ➡ Set the stove on level ground.
- ➡ Squeeze out the *Utility Flame™* portable fire gel on to the metal cutout.
- ➡ Light with any flame source.
- ➡ Set the stove above the fire with its opening downwind.
- ➡ Add water to a metal canteen cup or other light weight pan, and carefully place on the stove. When the water is boiling, add MREs, freeze dried foods, fresh foods or beverage products.
- ➡ The stove folds back up to its original size for reuse.
- ➡ It is not necessary to use the stove. *Utility Flame™* portable fire gel is an effective portable fire starter for camp fires, solid fuel cookers, or anywhere a heat source is required.



Reusable Stove



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Sales Information

- ➔ 1.25 oz.(36g) foil laminated packet.
 - 500 packets to the case.
 - Case Size/Weight: 12 in³ (31cm³), 41 lbs. (19 kg)
- ➔ Other packaging options include:
 - Retail Box.
 - 6.0 ounce re-sealable multi-use pouch.
 - 72 Hour Emergency Response Kit.
 - Custom/bulk packaging also available (up to 5 kg).
 - Co-brand with your organization's logo, graphics and information.
- ➔ JIT manufacturing. Fast delivery by air or sea.
- ➔ Packets have unlimited shelf life.
- ➔ 100% guaranteed to perform as stated or full replacement at no cost.



Co-Brand With Your Organization

UtilityFlame
The Ultimate Fire Solution

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Ordering

- ➡ 1.25 ounce: 500 packets per case,
 - Minimum Order: 10 cases
- ➡ 3 Pack Retail Box with Stove: 48 boxes per case
 - Minimum Order: 10 cases
- ➡ 6.0 ounce re-sealable. 56 pouces to the case.
 - Minimum Order: 10 cases
- ➡ Metal cutout stoves optional: 500 per case.
 - Minimum Order: 10 cases
- ➡ Custom labeling and/or 6 ounce (170g) reusable squeeze packet with screw cap requires minimum order of 55 cases.
- ➡ Terms: pre-paid. Discounts up to -20% for bulk purchase.
- ➡ Shipping Additional: Air, Sea and Ground Options.



Retail Box

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Contact

SIL Group

2202 North Westshore Blvd., Suite 200

Tampa FL 33607 USA

Tel/Fax: + 1 561 526 3200

sales@portablefiregel.com

www.portablefiregel.com



Att: Mr. Timm Sweeney

Mobile: + 1 561 414 3120

Skype: silgroup2



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