



**COMBUSTIBLE POUR CAMPING
CAMP FUEL**

Material Safety Data Sheet

Section 1. Chemical Product and supplier Identification

Trade name	H-Go Camp Fuel
Synonymous	Naphtha
Recommended use	For catalytic heaters, lanterns, blow torches and all naphtha gas stoves.
Supplier	Harnois Groupe Pétrolier 80, Route 158 Saint-Thomas, QC, J0K 3L0 Canada Tel.: (800) 363-2712
Emergencies:	CANUTEC: (613) 996-6666



Section 2. Risk Identification

Product classification	<ul style="list-style-type: none">• Flammable Liquid - Category 2• Specific toxicity for certain target organs, single exposure, narcotic effects – Category 3• Danger by aspiration - Category 1
WHMIS pictograms	
Warning	<ul style="list-style-type: none">• Long-term hazard to the aquatic environment – Category 2• Flammable liquid and vapor (H225)• May be fatal if it is ingested and penetrates the respiratory tract (H304)• May cause drowsiness or dizziness (H336)• Toxic for aquatic organisms, leading to long-term impact (H411)• If a physician is consulted, have the container or label available (P101)• Keep out of the reach of children (P102)
Danger	<ul style="list-style-type: none">• Keep away from heat, sparks, open flames and hot surfaces. Do not smoke (P210)• Ground the container and the receiving equipment (P240)• Do not use tools that produce sparks (P242)• Take precautionary measures to avoid electrostatic discharge (P243)• Avoid breathing in the mist, vapours and aerosols (P261)• Use only outdoors or in a well-ventilated place (P271)
Precautionary	<p>Precaution: Keep away from sources of heat, sparks or open flames. Avoid contact with skin, eyes and clothing. Do not inhale vapors, mists or aerosols. Do not ingest. If swallowed, seek medical advice immediately and show the safety data sheet. Wear eye protection apparatus, gloves and other</p>



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protective clothing that are suitable for the task being performed and the risks involved.

Intervention : SKIN CONTACT : Flush with water for at least 15 minutes. Remove contaminated clothing and wash before reuse. Avoid touching the eyes with contaminated body parts. EYE CONTACT: IMMEDIATELY Flush with water. Remove contact lenses. Flush with water for at least 15 minutes. INHALATION : DO NOT INDUCE VOMITING unless directed by medical personal. If the victim is conscious, rinse mouth with water. Never give anything by mouth to an unconscious or convulsing victim. If vomiting occurs spontaneously, keep head below the hips to reduce risk of aspiration into the lungs.

Potential acute effects on health

Eyes	Avoid contact with eyes.
Skin	Avoid all contact with skin and clothing.
Inhalation	Harmful if inhaled. Avoid breathing in the vapours or mist. Use only in a well-ventilated environment. Keep the container tightly sealed when the product is not being used and store out of the reach of children.
Ingestion	Toxic if ingested.

Potential chronic effects on health

Chronic Effects	Contains a substance likely to damage the target organ, according to data obtained on animals.
Carcinogenic Effects	The ingredients contained in this product, at a concentration greater than or equal to 0.1%, are not classified as carcinogenic by the IARC, the ACGIH, the NTP or OSHA.
Mutagenic Effects	No known major effect or critical hazard.
Teratogenic effects	No known major effect or critical hazard.
Effects on Fertility	No known major effect or critical hazard.

Signs/symptoms of overexposure

Inhalation	Excessive inhalation is harmful. Inhaling the vapours may cause a depression in the central nervous system leading to drowsiness, headache, blackouts, dizziness, nausea and fatigue. The seriousness of these symptoms may vary depending on the nature of the exposure. Inhaling vapours formed at high temperatures may cause irritation of the respiratory tract.
Ingestion	May cause gastrointestinal irritation with nausea and vomiting. Ingesting a large amount may cause depression of the central nervous system characterized by headache, blackouts, convulsions and loss of consciousness. Harmful or fatal in the case of aspiration into the lungs (ingestion/vomiting). Signs of a pulmonary attack include an increase in the respiration rate, accelerated cardiac rhythm and a bluish discoloration of the skin. Coughing, breathlessness and suffocation are often noted at the moment of aspiration.



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Skin	May cause minor skin irritation. Skin irritation, rabbit: dose of 0.2 g/kg of naphtha for 14 days: minimal irritation observed (OECD SIDS). Prolonged or repeated exposure may cause drying of the skin, delipidation and dermatitis.
Eyes	May cause minor eye irritation

See Toxicological Information (section 11)

Section 3. Product Composition and Ingredient Information

<u>Name</u>	<u>CAS Number</u>	<u>% by weight</u>
Naphtha solvent light fraction (petroleum)	64742-89-8	100%

Based on supplier's current knowledge and in applicable concentrations, this product does not contain any additional ingredients considered hazardous to health or the environment and, consequently, to be disclosed in this section.

Section 4. First Aid

Contact with the Eyes	IMMEDIATELY! Flush thoroughly with water, Remove contact lenses. Flush thoroughly for at least 15 minutes. Lift eyelids to flush properly. If a problem develops or persists, consult a physician.
Contact with the Skin	Flush thoroughly for at least 15 minutes. Remove contaminated clothing and wash before reusing. Avoid touching the eyes with contaminated body parts. If a problem develops or persists, consult a physician.
Inhalation	Move the victim to an area with fresh air. If the victim has stopped breathing, give artificial respiration. In the event of respiratory problems, oxygen should be given by a qualified person. If a problem develops or persists, consult a physician.
Ingestion	DO NOT INDUCE VOMITING unless recommended by medical personnel. If the victim is conscious, rinse out their mouth with water. Do not give anything orally to a victim who is unconscious or in convulsions. If there is spontaneous vomiting, keep the head at hip level to reduce the risk of breathing the substance into the lungs. Consult a physician or a poison centre immediately.
Rescuer Protection	Do not take any steps involving personal risk or if you have not received adequate training.
Note to the attending physician	Treat the symptoms. Risk of absorption by aspiration into the lungs (ingestion/vomiting). May penetrate the lungs and cause lesions.



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Section 5. Firefighting Measures

Product Flammability	Very flammable liquid and vapour
Extinguishing Media	Dry chemical powders, alcohol foam, carbon dioxide (CO ₂). Do not use a direct jet of water.
Combustion Products	Can be ignited by heat, a spark, a flame or static electricity. The vapours are heavier than air and can travel as far as a remote ignition source. Contact with strong fuels may cause a fire. The liquid floating on water may move towards an ignition source and start a fire.
Firefighting Apparatus and Methods	Cool down contents exposed to fire with sprayed water. Prevent the runoff water from the firefighting efforts and the diluted product from entering waterways or drains.
Special personal protective equipment for designated firefighting personnel	Firefighters should wear independent, positive-pressure breathing apparatus (complete face mask). Firefighting clothing may not be effective against chemicals.
Note on Fire Hazard	Very high fire hazard
Note on Risk of Explosion	Risk of explosion in the presence of flame, electric arc or spark.

Section 6. Accidental Spillage Measures

Individual Precautions	Do not touch the spilled product. Make certain you wear the individual protective equipment mentioned in this data sheet.
Environmental Precautions	Keep spills from entering drains and other closed places. For a major spill, contact the Ministry of the Environment or the competent authorities.

Cleaning Methods

Minor Spill	Smaller spills can be collected or absorbed using an inert absorbent material (earth, sand, vermiculite, Dustbane). Product must be disposed of in accordance with local, regional or national legislation.
Major Spill	Evacuate unauthorized personnel. Remove sources of ignition. Ventilate the area well. Stop the leak if this can be done without risk. Absorb using an inert medium (earth, sand, vermiculite, Dustbane) and place in an appropriate recovery container. Use spark proof or antistatic tools. Use an authorized specialist firm to eliminate the spill. Complete the cleaning by rinsing the contaminated surface with water.



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Section 7. Handling and Storage

Handling	Keep away from sources of heat, sparks and open flame. Avoid all sources of ignition. Use spark proof or antistatic tools. Avoid an accumulation of static electricity. Make certain the containers are grounded when decanting large quantities (20 litres and more). Use only in a well-ventilated place. Do not inhale vapours, mists or aerosols. Avoid contact with skin, eyes and clothing. Wear protective eye gear, gloves and other protective clothing suitable for the task to be performed and the risks involved. Keep only those quantities necessary to do the job in the work area. Keep the contents tightly sealed between uses. Do not eat, drink or smoke while using. Wash hands, forearms and face thoroughly after handling this compound and before eating, drinking or using toilet articles. Remove contaminated clothing and wash before reusing.
Storage	Storage and handling must follow the Flammable and Combustible Liquids Code NFPA 30, and the National Fire Code (NFC). Be sure to <i>ground</i> large containers. Keep the container properly labelled and sealed in a cool, dry, ventilated spot. Opened containers must be resealed again carefully in a vertical position to avoid leaks. Store away from fuels and any incompatible substance (see Part. 10).
Storage Temperature	10 °C to 30 °C / 50 °F to 86 °F

Section 8. Monitoring Individual Exposure and Protection

Technical Measures	Provide sufficient mechanical ventilation (local or general) to keep concentrations of vapours, mists, aerosols and dust under their respective limits.
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Health Measures	After handling chemicals, carefully wash your hands, forearms and face before eating, smoking, or going to the toilet and once your work is finished. Use suitable techniques to remove contaminated clothing. Wash contaminated clothing before reusing. Make certain that eye-wash stations and decontamination showers are installed close to work stations.
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Personal Protection

Eyes	Tight safety goggles to prevent chemical splashes, or a face-protecting mask.
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Respiratory	Air-purifying respirator (AP) devices must be selected, adjusted, maintained and inspected according to regulation and CSA Z 94.4 and approved by NIOSH/MSHA. In the event of inadequate ventilation or in a restricted or closed area, and for a maximum protection factor (CPF) 10 times the exposure limit: wear a half-mask with cartridges for organic vapours, equipped with P100-type particle filters. For a maximum CPF 100 times the exposure limit, wear a full mask with cartridges for organic vapours, equipped with P100-type particle filters.
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Hands Always wear impermeable gloves resistant to this chemical when handling. Wear nitrile or neoprene gloves. The user must check their impermeability before wearing them. Discard torn, perforated gloves and those showing signs of wear. Gloves are to be worn only on clean hands. Wash the gloves with water before removing them. Then wash and dry hands.

Skin The individual protective equipment for the body must be adapted to the work being done and the risks involved. Wear standard work clothing covering the arms and legs according to your employer's instructions. Wear a synthetic or neoprene apron, if necessary, to prevent extended or repeated contact with the skin. In the event of a spill, wear a boiler suit if needed made of synthetic polyethylene, such as Tychem (DuPont) or an equivalent suit intended to protect against liquid chemicals.

Feet Wear rubber boots when there is a spill.

**Personal Protective Equipment (PPE)
(Icons)**



Thin neoprene gloves / Nitrile gloves



Goggles (splash-proof)

Product Name

H-Go Camp Fuel

Exposure Limits

Check with local authorities to obtain the acceptable limits of exposure.



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Section 9. Physical and Chemical Properties

Physical and Chemical Properties	Results
Physical state	Liquid
Color	Light
Odor	Petroleum odour
Flash point	7 °C / 44.6 °F Tagliabue closed cup
Inflammability	Flammable
Lower flammability or explosive limit	1.4
Upper flammability or explosive limit	8.9
Spontaneous combustion temperature	NA
pH	NA
Boiling point at 760 mmHg	35 °C to 160 °C / 95 °F to 320 °F
Freezing point	NA
Relative density	0.76 kg/L
Vapor pressure	6 kPa (45 mm Hg) @ 38 °C (100.4 °F)
Vapour density (air = 1)	> 3
Solubility in water	Insoluble in water
Percentage of volatility	100%
Evaporation rate	> Butyl acetate
Sharing coefficient – n-octanol/water	2.1 to 6
Decomposition temperature	NA
Viscosity	NA



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Section 10. Stability and Reactivity

Product Stability and Reactivity	No reaction anticipated. Stable under recommended storage conditions.
Risk of Dangerous Reactions	None.
Incompatibility with Different Substances	Avoid powerful oxidizing agents (nitric acid, perchloric acid, peroxides, chlorates and perchlorates).
Hazardous Decomposition Products	No decomposition product under normal conditions of storage and use.
Hazardous Polymerization	No dangerous reaction can occur.

Section 11. Toxicological Information

Potential acute effects on health

Inhalation	Excessive inhalation is harmful. Inhaling the vapours may cause a depression in the central nervous system leading to drowsiness, headache, blackouts, dizziness, nausea and fatigue. The seriousness of these symptoms may vary depending on the nature of the exposure. Inhaling vapours formed at high temperatures may cause irritation of the respiratory tract.
Ingestion	May cause gastrointestinal irritation with nausea and vomiting. Ingesting a large amount may cause depression of the central nervous system characterized by headache, blackouts, convulsions and loss of consciousness. Harmful or fatal in the case of aspiration into the lungs (ingestion/vomiting). Signs of a pulmonary attack include an increase in the respiration rate, accelerated cardiac rhythm and a bluish discoloration of the skin. Coughing, breathlessness and suffocation are often noted at the moment of aspiration.
Contact with the Skin	May cause minor skin irritation. Skin irritation, rabbit: dose of 0.2 g/kg of naphtha for 14 days: minimal irritation observed (OEDC SIDS). Prolonged or repeated exposure may cause drying of the skin, delipidation and dermatitis
Contact with the Eyes	May cause minor eye irritation
Carcinogenic Effects	The ingredients contained in this product, at a concentration greater than or equal to 0.1%, are not classified as carcinogenic by the IARC, the ACGIH, the NTP or OSHA.
Mutagenic Effects	No known major effect or critical hazard.
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<u>Name of Product or Ingredient</u>	<u>Result</u>	<u>Species</u>	<u>Quantity</u>	<u>Exposure</u>
	LD50 Ingestion	Rat	> 5,000 mg/kg	-----
Naphtha solvent light fraction (petroleum)	LC50 Inhalation	Rat	> 20 mg/l/4h	-----
	LD50 Skin	Rabbit	> 3,000 mg/kg	-----

Section 12. Eco-toxicological Information

Eco-toxicity in Aquatic Environments	Aquatic invertebrate – Daphnie Magna	EC50 0.7 mg/L; 48 h (OECD 202)
	Aquatic plant – Algae, Selenastrum, capriornutum	EC50 6.5 mg/L; 72 h (OECD 201)
	Aquatic plant – Algae, Selenastrum, capriornutum	NOEC 0.17 mg/L; 21 days (naphtha solvent, CAS number 64742-89-8)
Persistency	Moderately persistent in the environment.	
Degradability	In the air, the product is quickly broken down by photochemical processes, primarily via oxidation by free hydroxyl radicals and by direct photolysis. The half-life is estimated at 5 to 7 days. Contains ingredients that should be easily biodegradable (> 60% in 28 days) according to OECD 301F, but that do not meet the 10-day period criterion.	
Potential Bioaccumulation	Contains components with a bioaccumulation potential (log K _{ow} of 2.1 to 6). Bioconcentration factor (BCF) calculated between 105 and 1,215.	
In-ground Mobility	The product evaporates quickly into the atmosphere because of the low level of absorption into the ground and its poor solubility in water.	
Other Harmful Effects	The volatile organic compounds (VOC) have the potential to form ozone and other air pollutants in low atmosphere (<i>smog</i>).	



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Section 13. Disposal

Waste Disposal



Do not recycle contents

Important! Avoid creating waste. Use it up completely. DO NOT discard residue in the drains or waterways. Residue and empty contents are to be considered hazardous waste. Unused or used organic oils and solvents can be withdrawn (recycled) anywhere a recovery program is available. Hire an authorized specialist firm to eliminate the spill. Comply with municipal, provincial and federal regulations.

Check with the local or regional authorities.

Refer to Section 7: HANDLING AND STORAGE and to Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION for any additional information on handling and on protection of personnel.

Section 14. Transport Information

Regulatory Information	UN number	Correct shipping name	Category	Packing group	Label	Other information
UN Number	UN 1268	PETROLEUM DISTILLATES, N.S.A.				Contains a marine pollutant according to the TDG regulations (Canada).
Classification for Hazardous Materials Transport	UN 1268	PETROLEUM DISTILLATES, N.S.A.	Class 3	II		Emergency Measuring Guide 128
IMO/IMDG International Maritime Transport	UN 1268	PETROLEUM DISTILLATES, N.S.A.	Class 3	GE II		Emergency Programs (FS-No) F-E, S-E
IATA – International Air Transport Association	UN 1268	PETROLEUM DISTILLATES, N.S.A.	Class 3	GE II		



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Section 15. Regulatory Information

CANADA :

- Canada DSL and LES : This substance is listed in the inventory of the Domestic Substances List (DSL)
- Toxic substances pursuant to CEPA 1999 (Annex 1, Canadian Environmental Protection Act) Light fraction of the naphtha solvent (petroleum) (CAS number 64742-89-8).
- National Pollutant Release Inventory (NPRI) Light fraction of the naphtha solvent (petroleum) (CAS number 64742-89-8).

USA:

Other Regulations

- Toxic Substance Control Act (TSCA): This substance is listed.
- EPCRA Section 313 Toxic Chemicals : This substance is not listed.
- EPCRA Section 302/304 Extremely Hazardous Substances: This substance is not listed.
- Clean Air Act (CAA 112b) HON - Hazardous Organic National Emission Air Pollutants : This substance is not listed.
- CAA 112(r) Regulated Chemicals for Accidental Release Prevention : This substance is not listed.
- Clean Water Act (CWA) 311 Hazardous Substances: This substance is not listed.
- Californie Proposition 65: This substance is not listed.

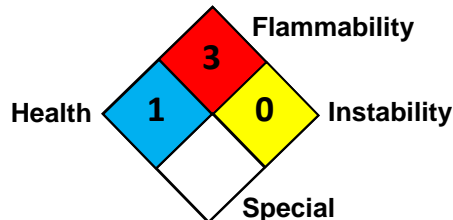


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Section 16. Additional Information

National Fire Protection Association
(United States), NFPA Index



Hazardous Materials Identification
Systems, HMIS

Health	1
Flammability	3
Physical hazards	0

Label information

CAUTION!

- Flammable Liquid - Category 2
- Specific toxicity for certain target organs, single exposure, narcotic effects – Category 3
- Danger by aspiration - Category 1

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2016.04.28

Notice

To the best of our knowledge, the information contained in this health-and-safety Data Sheet is accurate at the date of its publication. The aforementioned supplier may not assume any liability whatsoever in regard to the accuracy or completeness of the information contained herein. This information is provided indicatively with regard to safety and applies only to the product and the uses indicated in the present data sheet. This information does not necessarily apply to this product if it is associated with one or more other products, or if it is used for purposes other than those described here. The user is solely responsible for the final decision as to the appropriate use of any product. All products may pose unknown hazards and should be used with care. Although certain hazards are described in this document, we cannot guarantee that there are not others.