

SAFETY DATA SHEET

Product Number: 0916-0122, -0122C, 0916-0123, 0916-0130

VICTOR PREMIUM HAND TORCH FUEL



SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade name VICTOR PREMIUM HAND TORCH FUEL

1.2 Relevant identified uses of the substance or mixture and uses advised against

Not applicable

1.3 Details of the supplier of the safety data sheet

Supplier VICTOR

Street address 2800 Airport Road
76207 Denton
United States

Telephone 940-381-1323

Emergency phone number 940-566-2000

1.4 Emergency telephone number

Not applicable

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008, Annex VI

Classification Flammable gases, hazard category 1
Gases under pressure, Compressed gas

Hazard statements H220, H280

2.2 Label elements

GHS labeling of the substance (in accordance with Regulation (EC) No 1272/2008, Annex VI)

Pictogram



Signal word Danger

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Hazard statements

H220 Extremely flammable gas.
H280 Contains gas under pressure; may explode if heated.

Precaution statements

P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
P377 Leaking gas fire: Do not extinguish, unless leak can be stopped safely.
P381 Eliminate all ignition sources if safe to do so.
P403 Store in a well-ventilated place.
P410 Protect from sunlight.
P410 + P403 Protect from sunlight. Store in a well-ventilated place.

2.3 Other hazards

Not applicable

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Chemical name	CAS No. EC No.	Concentration	Classification	R-phrase H-phrase
propene	115-07-1 204-062-1	>99%	F+ -	R12 -
propane	74-98-6 200-827-9	<0,5%	F+ -	R12 -

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures

P336 Thaw frosted parts with lukewarm water. Do not rub affected area. P315 Get immediate medical advice/attention. Rapid evaporation of the liquid may cause frostbite. Vapours are heavier than air and can cause suffocation by reducing oxygen available for breathing.

Inhalation

Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion. If breathing has stopped, apply artificial respiration. If breathing is difficult, give oxygen.

Skin contact

Remove contaminated clothing and shoes. Wash off with soap and plenty of water. Wash frostbitten areas with plenty of water. Do not remove clothing. Avoid skin contact with leaking liquid (danger of frostbite).

Eye contact

Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Information for doctors

Rapid evaporation of the liquid may cause frostbite.

4.2 Most important symptoms and effects, both acute and delayed

Not applicable

4.3 Indication of any immediate medical attention and special treatment needed

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Not applicable

SECTION 5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media use dry chemical, CO2, water spray or "alcohol" foam

5.2 Special hazards arising from the substance or mixture

Not applicable

5.3 Advice for firefighters

Special protective equipment for fire-fighters Wear full firefighting turn-out gear (full bunker gear), and respiratory protection (SCBA).

Other

Additional information in case of fire P377 Leaking gas fire: Do not extinguish, unless leak can be stopped safely. P381 Eliminate all ignition sources if safe to do so. In case of fire, stop leak if safe to do so.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas. For effective first-aid, special training / education is needed. Ensure adequate ventilation, especially in confined areas.

6.2 Environmental precautions

Prevent spreading over a wide area (e.g. by containment or oil barriers). Prevent further leakage or spillage. Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.

6.3 Methods and material for containment and cleaning up

P376 Stop leak if safe to do so. Ventilate well, stop flow of gas or liquid if possible. Immediately contact emergency personnel.

6.4 Reference to other sections

Not applicable

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Preventive handling precautions Keep away from open flames, hot surfaces and sources of ignition. Wear personal protective equipment.

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General hygiene Handle in accordance with good industrial hygiene and safety practice for diagnostics.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with the particular national regulations. Keep containers tightly closed in a cool, well-ventilated place.

7.3 Specific end use(s)

Not applicable

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Exposure limits OSHA PEL (ppm): Propane = 1000 ACGIH TLV (ppm): Propylene = 500

8.2 Exposure controls

Technical precaution measures Ensure adequate ventilation, especially in confined areas. Provide adequate ventilation. Use adequate ventilation and/or engineering controls in high temperature processing to prevent exposure to vapors.

Eye / face protection safety glasses with side-shields

Safety gloves Chemical resistant gloves made of butyl rubber or nitrile rubber category III according to EN 374.

Respiratory protection In case of insufficient ventilation wear suitable respiratory equipment.

Thermal hazards Thermal hazards Rapid evaporation of the liquid may cause frostbite.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance Colorless liquidified gas

Appearance, colour Colorless

Appearance, physical state Not applicable

Auto-ignition temperature ° C

Decomposition temperature Not applicable

Evaporation rate Not applicable

Explosive properties Not applicable

Flammability (solid, gas) Extremely flammable gas

Flash point ° C

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Freezing point	° C
Initial boiling point and boiling range	Not applicable
Melting point / freezing point	Not applicable
Odour	Hydrocarbon or mercaptan if odorized
Odour treshold	Not applicable
Oxidising properties	Not applicable
Partition coefficient: n-octanol / water	1,77
pH value	Not applicable
Physical state	Gas
Relative density	0.52 (liquid)
Solubility	Not applicable
Solubility in water	Slightly soluble in water
Upper / lower flammability or explosive limits	2 - 11 %
Vapour density	1.5 (0 degrees celsius)
Vapour pressure	109.73 PSIG (21 degrees celsius)
Viscosity	Not applicable

9.2 Other information

VOC (weight %) - 100%

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

The product is non-reactive under normal conditions of use, storage, and transport.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Not applicable

10.4 Conditions to avoid

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Keep away from open flames, hot surfaces and sources of ignition.

10.5 Incompatible materials

strong oxidizing agents 5.51 - May cause combustion and explosion when in contact with acids, halogens, alcohols, amines.

10.6 Hazardous decomposition products

Hydrocarbons carbon oxides

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity	Vapours are heavier than air and can cause suffocation by reducing oxygen available for breathing.
Skin corrosion / irritation	Rapid evaporation of the liquid may cause frostbite.
Irritation	Not applicable
Corrosive effects	Not applicable
Sensitisation	Not applicable
Mutagenicity	Not applicable
Carcinogenicity	Not applicable
Repeated dose toxicity	Not applicable
Reproductive toxicity	Not applicable
LC50 Inhalation	Propylene: Mouse - 680 mg/l, 2 hours: Rat - 658 mg/l, 4 hours
Toxicity in case of inhalation	Causes headache, drowsiness or other effects to the central nervous system.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity

Aquatic	not water endangering
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12.2 Persistence and degradability

Readily biodegradable

12.3 Bioaccumulative potential

Not inherently biodegradable.

12.4 Mobility in soil

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Not applicable

12.5 Results of PBT and vPvB assessment

Not applicable

12.6 Other adverse effects

Not applicable

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Disposal considerations

Dispose of as hazardous waste in compliance with local and national regulations. Do not expose of any non-empty container. Cylinders should be emptied and returned to a hazardous waste collection point.

Other

Waste code (EWC)

D001: Waste Flammable material with a flash point <140 degrees fahrenheit.

SECTION 14. TRANSPORT INFORMATION

14.1 UN number

UN1077

14.2 UN proper shipping name

Name

Propylene

14.3 Transport hazard class(es)

ADR / RID Class

2.1

14.4 Packing group

Not applicable

14.5 Environmental hazards

Not applicable

14.6 Special precautions for user

Not applicable

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

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Other

Lake (IMDG)???

Additional information IMDG UN1077: Propylene: Class 2.1: Label 2.1: EmS - F-D, S-U

Flight (DGR)

Additional information IATA (ICAO) UN1077: Propylene: Class 2.1: Label 2.1:

SECTION 15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulations This product is listed on the European Inventory of Existing Commercial Chemical Substances (EINECS)

National regulations CERCLA/SARA Title III SARA 311/312 EPCRA/SARA Title III 313 Toxic Chemicals Clean Air Act (CAA) section 112(r) Australian Inventory of Chemical Substances (AICS) All components of this product are on the Canadian DSL list. China inventory (IECSC): Not determined. Japan: Inventory of Existing and New Chemical Substances (ENCS) Korea: Existing Chemicals List (ECL) New Zealand Inventory of Chemicals (NZIoC): Not determined. Philippines inventory (PICCS): Not determined. On TSCA Inventory

15.2 Chemical safety assessment

Not applicable

SECTION 16. OTHER INFORMATION

Phrase meaning F+ - Extremely flammable
R12 - Extremely flammable.