

# Safety Data Sheet

in accordance with EPA and WORKSAFE regulations

Print date: 13.06.2023

Revision date: 13.06.2023

## 1 Identification of the substance or mixture and of the supplier

**Product Name:** Propylene Gas Canister**Other Means of Identification:** Article**Other Name:**

Torch Gas Kit

P/N 211056 (uses 326439)

P/N 211067 (uses 326439)

P/N 206078 (uses 205078)

P/N 206089 (uses 205078)

P/N 207001 (uses 205078)

P/N 219101 (uses 326439)

P/N 219112 (uses 326439)

P/N 217045 (uses 326439)

P/N 217045PROMO (uses 326439)

**Part Number:** 326439, 326439PK (3 Pack), 205078, 207056**Recommended Use of the Chemical and Restriction on Use:** Fuel, commercial and industrial applications.**Details of Manufacturer or Importer:**

Sutton Tools (NZ) Ltd

80A Hunua Rd, Papakura

Auckland, New Zealand, 2110

**Phone Number:** 0800 553 236**Emergency telephone number:** National Poison Centre: 0800 POISON (0800 764-766)

## 2 Hazards identification

**Hazardous Nature:**

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Health and Safety at Work (Hazardous Substances) Regulations 2017, New Zealand. Classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2020 Transport of Dangerous Goods on Land.



Flame

Flam. Gas 1A H220 Extremely flammable gas.



Gas cylinder

Press. Gas L H280 Contains gas under pressure; may explode if heated.

**Signal Word** Danger**Hazard Statements**

H220 Extremely flammable gas.

H280 Contains gas under pressure; may explode if heated.

**Precautionary Statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P377 Leaking gas fire: Do not extinguish, unless leak can be stopped safely.

P381 In case of leakage, eliminate all ignition sources.

P410+P403 Protect from sunlight. Store in a well-ventilated place.

(Contd. on page 2)

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**Product Name: Propylene Gas Canister**

(Contd. of page 1)

## 3 Composition/Information on ingredients

### Chemical Characterization: Mixtures

**Description:** Gas under pressure

### Hazardous Components:

CAS: 115-07-1	1-Propene	 Flam. Gas 1A, H220;  Press. Gas L, H280	>95%
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## 4 First aid measures

### Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

### Skin Contact:

In case of skin contact, wash affected areas with water and soap. If frostbite occurred, warm the skin with lukewarm water and gently wrap in a blanket. Do not attempt to remove clothing attached to frostbite area with. Seek medical attention if irritation develops.

### Eye Contact:

In case of eye contact, rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Seek medical attention if irritation persists.

**Ingestion:** Ingestion is not considered a potential route of exposure.

### Symptoms Caused by Exposure:

**Inhalation:** High concentrations may cause asphyxiation. Symptoms may include loss of consciousness. Victim may not be aware of asphyxiation.

**Skin Contact:** Stream of released gas may cause frostburn.

**Eye Contact:** May cause eye irritation.

**Ingestion:** Not considered possible route of exposure.

## 5 Fire fighting measures

### Suitable Extinguishing Media:

For small fires use dry chemical or carbon dioxide. For large fires use water spray or fog.

### Specific Hazards Arising from the Chemical:

Hazardous combustion products include oxides of carbon and various hydrocarbons.

Product is extremely flammable. Vapours may travel considerable distances to a source of ignition where they can ignite, flashback, or explode.

Closed containers may explode when exposed to extreme heat. Containers close to fire should be removed if safe to do so. Use water spray to cool fire exposed containers.

Minimise run-off from fire fighting entering drains or water courses.

HAZCHEM Code: 2YE

### Special Protective Equipment and Precautions for Fire Fighters:

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

## 6 Accidental release measures

### Personal Precautions, Protective Equipment and Emergency Procedures:

Wear approved self-contained breathing apparatus and full protective clothing. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation. Extinguish all sources of ignition. Avoid sparks and open flames. No smoking.

### Environmental Precautions:

In the event of a major spill, prevent spillage from entering drains or water courses.

(Contd. on page 3)

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(Contd. of page 2)

**Methods and Materials for Containment and Cleaning Up:**

In case of a leak or of an emergency disposal, secure the cartridge and slowly discharge the gas to the atmosphere in a well-ventilated area or outdoors. Allow the gas mixture to dissipate. Do not attempt to repair leaking valve or cartridge safety devices.

## 7 Handling and storage

**Precautions for Safe Handling:**

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of gases. Use only outdoors or in a well-ventilated area.

Take precautionary measures against static discharge. Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

**Conditions for Safe Storage:**

Store in a cool, dry and well ventilated area. Keep container tightly closed when not in use. Protect from heat, sparks, open flames, hot surfaces, and other sources of ignition. Keep away from oxidising agents and halogens. Do not weld, cut or drill on full or empty containers. Handling equipment must be grounded to prevent sparking. In areas where explosion hazard exists workers should be required to wear non-sparking boots. Chain cylinders when not in use. Cylinders should also be stored in a dry, well ventilated area constructed of non-combustible material with firm level floor (preferably concrete), segregated from oxidizers such as oxygen and chlorine, away from areas of heavy traffic and emergency exits.

## 8 Exposure controls/personal protection

**Exposure Standards:****CAS: 115-07-1 1-Propene**

WES | Simple asphyxiant; may present an explosion hazard

**Engineering Controls:**

Local exhaust and general ventilation are necessary in work area to prevent accumulation of explosive mixtures. Provide special ventilation in sumps and confined spaces. Use explosion-proof ventilating equipment.

**Respiratory Protection:**

Use an approved full face supplied air respirator if high airborne concentrations of the material are present. See Australian Standards AS/NZS 1715 and 1716 for more information.

**Skin Protection:**

Leather/pigskin, neoprene or nitrile gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational anti-static chemical protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

**Eye and Face Protection:**

Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

## 9 Physical and chemical properties

**Appearance:****Form:**

Liquefied gas

**Colour:**

Colourless

(Contd. on page 4)

# Safety Data Sheet

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**Product Name: Propylene Gas Canister**

(Contd. of page 3)

<b>Odour:</b>	Slightly sweet
<b>Odour Threshold:</b>	No information available
<b>pH-Value:</b>	No information available
<b>Melting point/freezing point:</b>	No information available
<b>Initial Boiling Point/Boiling Range:</b>	No information available
<b>Flash Point:</b>	No information available
<b>Flammability (solid, gas):</b>	Extremely flammable
<b>Auto-ignition Temperature:</b>	455 °C
<b>Decomposition Temperature:</b>	No information available
<b>Explosion Limits:</b>	
<b>Lower:</b>	2.0 Vol %
<b>Upper:</b>	11.7 Vol %
<b>Vapour Pressure:</b>	No information available
<b>Relative Density:</b>	No information available
<b>Vapour Density:</b>	No information available
<b>Evaporation Rate:</b>	No information available
<b>Solubility in Water:</b>	Slightly soluble
<b>Partition Coefficient (n-octanol/water):</b>	No information available

## 10 Stability and reactivity

**Possibility of Hazardous Reactions:** No dangerous reactions known under conditions of normal use.

**Chemical Stability:** Stable at ambient temperature and under normal conditions of storage and use.

**Conditions to Avoid:** Heat, sparks, open flames, hot surfaces, and other sources of ignition.

**Incompatible Materials:** Strong acids, alkalis and oxidisers such as chlorine (gas or liquid) and oxygen.

**Hazardous Decomposition Products:** Oxides of carbon and various hydrocarbons.

## 11 Toxicological information

**Toxicity:**

**Acute Health Effects**

**Inhalation:**

High concentrations may cause asphyxiation. Symptoms may include loss of consciousness. Victim may not be aware of asphyxiation.

**Skin:** Stream of released gas may cause frostburn.

**Eye:** May cause eye irritation.

**Ingestion:** Not considered possible route of exposure.

**Skin Corrosion / Irritation:** Based on classification principles, the classification criteria are not met.

**Serious Eye Damage / Irritation:** Based on classification principles, the classification criteria are not met.

**Respiratory or Skin Sensitisation:** Based on classification principles, the classification criteria are not met.

**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.

**Carcinogenicity:** Based on classification principles, the classification criteria are not met.

**Reproductive Toxicity:** Based on classification principles, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT) - Single Exposure:**

Based on classification principles, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT) - Repeated Exposure:**

Based on classification principles, the classification criteria are not met.

(Contd. on page 5)

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(Contd. of page 4)

**Aspiration Hazard:** Based on classification principles, the classification criteria are not met.**Chronic Health Effects:** No information available**Existing Conditions Aggravated by Exposure:** No information available

## 12 Ecological information

**Ecotoxicity:****Aquatic toxicity:**

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Persistence and Degradability:** No data available on finished product.**Bioaccumulative Potential:** No data available on finished product.**Mobility in Soil:** No data available on finished product.**Other adverse effects:** No further relevant information available.

## 13 Disposal considerations

**Disposal Methods and Containers:** Dispose according to applicable local and state government regulations.**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

## 14 Transport information

<b>UN Number</b>	
<b>NZS, IMDG, IATA</b>	UN1077
<b>Proper Shipping Name</b>	
<b>NZS, IMDG, IATA</b>	PROPYLENE
<b>Dangerous Goods Class</b>	
<b>NZS 5433:</b>	2.1
<b>Packing Group:</b>	None
<b>Marine pollutant:</b>	No
<b>EMS Number:</b>	F-D,S-U
<b>Hazchem Code:</b>	2YE
<b>Excepted quantities (EQ):</b>	E0
<b>Limited Quantities:</b>	0

## 15 Regulatory information

**HSNO Approval Code / Group Standard:** Propylene - HSR001011**New Zealand Inventory of Chemicals** All ingredients are listed.

## 16 Other information

**Date of Preparation or Last Revision:** 13.06.2023**Prepared by:** MSDS.COM.AU Pty Ltd

www.msds.com.au

(Contd. on page 6)

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**Product Name: Propylene Gas Canister**

(Contd. of page 5)

**Abbreviations and acronyms:**

ADG: Australian Dangerous Goods  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
IARC: International Agency for Research on Cancer  
STEL: Short Term Exposure Limit  
TWA: Time Weighted Average  
WES: Workplace Exposure Standard  
Flam. Gas 1A: Flammable gases – Category 1A  
Press. Gas L: Gases under pressure – Liquefied gas

**Disclaimer**

This SDS is prepared in accord with the New Zealand Chemical Industry Council document 'Code of Practice (No. HSNO CoP 8-1 09-06)' and Hazardous Substances (Safety Data Sheets) Notice 2020.

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