

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: Propane Gas Canister**Other Means of Identification:** Article**Other Name:**

Torch Gas Kit

P/N 211323 (uses 326438)

P/N 211334 (uses 326438)

P/N 211656 (uses 326438)

P/N 206045 (uses 205067)

P/N 206067 (uses 205067)

P/N 217067 (uses 326438)

Part Number: 326438, PRI2000D, COMP3961, 205067**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.

3 Composition/Information on ingredients

Chemical Characterization: Mixtures**Description:** Gas under pressure

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Hazardous Components:		
CAS: 74-98-6	Propane	 Flam. Gas 1A, H220 >95%

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.

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.

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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: 74-98-6 Propane**

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
Odour:	Odourless
Odour Threshold:	No information available
pH-Value:	No information available
Melting point/freezing point:	No information available

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Initial Boiling Point/Boiling Range:	No information available
Flash Point:	No information available
Flammability (solid, gas):	Extremely flammable
Auto-ignition Temperature:	450 °C
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	2.1 Vol %
Upper:	9.5 Vol %
Vapour Pressure:	No information available
Relative Density:	No information available
Vapour Density:	No information available
Evaporation Rate:	No information available
Solubility in Water:	Slightly soluble
Partition Coefficient (n-octanol/water):	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, alkalies and oxidisers such as chlorine (gas or liquid) and oxygen.

Hazardous Decomposition Products: Oxides of carbon and various hydrocarbons.

11 Toxicological information

Toxicity:

LD50/LC50 Values:

CAS: 74-98-6 Propane

Inhalation	LC50/4 h	658 mg/l (Rattus norvegicus (rat))
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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.

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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

UN Number	
NZS, IMDG, IATA	UN1978
Proper Shipping Name	
NZS, IMDG, IATA	PROPANE
Dangerous Goods Class	
NZS 5433:	2.1
Packing Group:	None
Marine pollutant:	No
EMS Number:	F-D,S-U
Hazchem Code:	2YE
Excepted quantities (EQ):	E0
Limited Quantities:	0

15 Regulatory information

HSNO Approval Code / Group Standard: Propane - HSR001010**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

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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)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
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. The information contained in this safety data sheet is provided in good faith and is believed to be accurate at the date of issuance. Sutton Tools (NZ) Ltd makes no representation of the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability for any loss or damage related to the supply or use of the information in this material safety data sheet. MSDS.COM.AU Pty Ltd is not in a position to warrant the accuracy of the data herein. The user is cautioned to make their own determinations as to the suitability of the information provided to the particular circumstances in which the product is used.