SAFETY DATA SHEET

WELLER BUTANE GAS REFILL

Infosafe No.: MTD18
ISSUED Date : 30/06/2022
ISSUED by: PASCOE'S PTY LTD

Section 1 - Identification

Product Identifier
WELLER BUTANE GAS REFILL

Company Name
PASCOE'S PTY LTD

Address
40-46 FAIRFIELD ST FAIRFIELD EAST
NSW 2165 AUSTRALIA

Telephone/Fax Number
Tel: +61 1800 065 326

Emergency Phone Number
Phone 13 1126 from anywhere in Australia

Recommended use of the chemical and restrictions on use
Product Use: Dispenser for refilling a range of Cooper Brand Tools.

Other Names

Name
WELLER BUTANE GAS REFILL

Additional Information
www.pascoes.com.au

Chemical nature: Propane/butane blend.

This version issued: June, 2022 and is valid for 5 years from this date.

Poisons Information Centre: Phone 13 1126 from anywhere in Australia

Section 2 - Hazard(s) Identification

GHS classification of the substance/mixture
Flammable Aerosol: Category 1

Signal Word (s)
DANGER

Hazard Statement (s)
H222 Extremely flammable aerosol.
H229 Pressurized container: may burst if heated.

Pictogram (s)
Flame

Precautionary Statement – Prevention
P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Pressurized container: Do not pierce or burn, even after use.
P102 Keep out of reach of children.
P233 Keep container tightly closed.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P262 Do not get in eyes, on skin, or on clothing.
P281 Use personal protective equipment as required.

Precautionary Statement – Response
P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P370+P378 In case of fire: Use carbon dioxide, dry chemical, foam, water fog. Water fog or fine spray is the preferred medium for large fires./ for extinction.
P372 Explosion risk in case of fire.

Precautionary Statement – Storage
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50ºC/122ºF.
P402 Store in a dry place.
P403 Store in a well-ventilated place.

Precautionary Statement – Disposal
P501 Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service.

Other Information
Statement of Hazardous Nature:
SUSMP Classification: None allocated.
ADG Classification: Class 2.1: Flammable gases.
UN Number: 1950, AEROSOLS

Statement of Hazardous Nature (New Zealand):
Aerosols Flammable Group Standard 2020 HSR002515

DG Classification: Classified as a Dangerous Good for transport in accordance with the Land Transport Rule Dangerous Goods 2005 and NZS 5433:2007.

Emergency Overview:
Physical Description & Colour: Dispenses as a gas.
Odour: Characteristic odour.
Major Health Hazards: no significant risk factors have been found for this product.

Section 3 - Composition and Information on Ingredients

Ingredients

Name	CAS	Proportion
Alkanes, C3-4	68475-59-2	Pure *

Other Information
* Commercially pure. May include small quantities of materials due to manufacturing or reaction processes.

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

Section 4 - First Aid Measures

First Aid Measures
General Information:
You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 11 26 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

Inhalation
First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

Ingestion
Not a normal route of exposure If symptoms develop, or if in doubt contact a Poisons Information Centre or a doctor.

Skin
First aid is not generally required.

Eye
No effects expected. If irritation does occur, flush contaminated eye(s) with lukewarm, gently flowing water for 5 minutes. Obtain medical advice if irritation becomes painful or lasts more than a few minutes. Take special care if exposed person is wearing contact lenses.

Section 5 - Firefighting Measures

Suitable Extinguishing Media
In case of fire, use carbon dioxide, dry chemical, foam, water fog. Water fog or fine spray is the preferred medium for large fires. Try to contain spills, minimise spillage entering drains or water courses.

Specific Methods
If a significant quantity of this product is involved in a fire, call the fire brigade. There is a danger of a violent reaction or explosion if significant quantities of this product are involved in a fire. Recommended personal protective equipment is full fire kit and breathing apparatus.

Specific hazards arising from the chemical
The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. There is a moderate risk of an explosion from this product if commercial quantities are involved in a fire. Firefighters should take care and appropriate precautions. Vapours from this product are heavier than air and may accumulate in sumps, pits and other low-lying spaces, forming potentially explosive mixtures. They may also flash back considerable distances.
Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.

Hazchem Code
2YE

Section 6 - Accidental Release Measures

Emergency Procedures
Accidental release: This product is sold in small packages, and the accidental release from one of these is not usually a cause for concern. For minor spills, clean up, rinsing to sewer and put empty container in garbage. Although no special protective clothing is normally necessary because of occasional minor contact with this product, it is good practice to wear impermeable gloves when handling chemical products. In the event of a major spill, prevent spillage from entering drains or water courses and call emergency services.

Section 7 - Handling and Storage

Precautions for Safe Handling
Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8(Exposure Controls/ Personal Protection) of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10(Stability and Reactivity).

Conditions for safe storage, including any incompatibilities
Store in a cool, well ventilated area, and make sure that surrounding electrical devices and switches are suitable. Check containers and valves periodically for leaks. If you keep more than 25kg of flammable gases, you are probably required to license the premises or notify your Dangerous Goods authority. If you have any doubts, we suggest you contact your Dangerous Goods authority in order to clarify your obligations. Check packaging - there may be further storage instructions on the label.

Section 8 - Exposure Controls and Personal Protection

Exposure Control Measures
The following Australian Standards will provide general advice regarding safety clothing and equipment:
Respiratory equipment: AS/NZS 1715, Protective Gloves: AS 2161, Occupational Protective Clothing: AS/NZS 4501 set 2008, Industrial Eye Protection: AS1336 and AS/NZS 1337, Occupational Protective Footwear: AS/NZS2210.

Occupational exposure limit values
Ingredients: Alkanes, C3-4
TWA (mg/m³): not set
STEL (mg/m³): not set

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

SWA Exposure Limits TWA (mg/m³) STEL (mg/m³)
Exposure limits have not been established by SWA for this product.
No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Engineering Controls
Ventilation: This product should only be used in a well ventilated area. If natural ventilation is inadequate, use of a fan is suggested.

Respiratory Protection
Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above.

Eye and Face Protection
Eye protection such as protective glasses or goggles is recommended when this product is being used.

Body Protection
The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. However, we suggest that you routinely avoid contact with all chemical products and that you wear suitable gloves (preferably elbow-length) when skin contact is likely.
Protective Material Types: There is no specific recommendation for any particular protective material type.

Section 9 - Physical and Chemical Properties

Properties	Description	Properties	Description
Form	Gas	**Appearance**	Dispenses as a gas.
Odour	Characteristic odour.	**Melting/Freezing Point**	No specific data. Gas at normal temperatures and pressures.
Boiling Point	Not available.	**Solubility in Water**	Insoluble.
Specific Gravity	0.55	**pH**	No data.
Vapour Pressure	350-450kPa at 25°C	**Relative Vapour Density (Air=1)**	>1
Evaporation Rate	>1	**Coefficient Water/Oil Distr.**	No data.
Odour Threshold	No data.	**Volatile Component**	Completely volatile at 100°C.
Flash Point	-62°C	**Flammability**	Flammability Class: Flammable Category 2 (GHS); Highly Flammable (AS1940).
Auto-Ignition Temperature	No data.	**Flammable Limits - Lower**	1.9%
Flammable Limits - Upper	9.6%	**Particle Characteristics**	Not applicable to gases.

Other Information
Volatility: No data.

Section 10 - Stability and Reactivity

Reactivity
This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

Conditions to Avoid
This product should be kept in a cool place, preferably below 30°C. Containers should be kept dry. Keep containers and surrounding areas well ventilated. Keep away from sources of sparks or ignition. Any electrical equipment in the area of this product should be flame proofed.

Incompatible Materials
Strong oxidising agents.

Hazardous Decomposition Products
Combustion forms carbon dioxide, and if incomplete, carbon monoxide and possibly smoke. Water is also formed. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.

Hazardous Polymerization
This product will not undergo polymerisation reactions.

Section 11 - Toxicological Information

Toxicology Information
Local Effects:
Target Organs: There is no data to hand indicating any particular target organs.

Classification of Hazardous Ingredients:
Ingredient Health Hazard Statement Codes
Alkanes, C3-4 / H220, H330, H350, H340, H319, H315, H335, H372, H360Df
 Gases under pressure
 Flammable gas – category 1

- Acute toxicity – category 2
- Carcinogenicity – category 1A
- Germ cell mutagenicity – category 1B
- Eye irritation – category 2A
- Skin irritation – category 2
- Specific target organ toxicity (single exposure) – category 3
- Specific target organ toxicity (repeated exposure) – category 1
- Reproductive toxicity – category 1B

NOTE: Some of the above classifications relate to impurities found in some grades of this ingredient and do not apply to products which do not contain hazardous concentrations of impurities.

Ingestion
Short Term Exposure: Significant oral exposure is considered to be unlikely. This product is unlikely to cause any irritation problems in the short or long term.
Long Term Exposure: No data for health effects associated with long term ingestion.

Inhalation
Short Term Exposure: Available data indicates that this product is not harmful. In addition product is unlikely to cause any discomfort or irritation. Intentional misuse by deliberately concentrating and inhaling contents of aerosol containers can be harmful or fatal.
Long Term Exposure: No data for health effects associated with long term inhalation.

Skin
Short Term Exposure: Major health effect from this product is misuse of the aerosol function. If sprayed continuously on skin or in eyes, it can cause frostbite.
Long Term Exposure: No data for health effects associated with long term skin exposure.

Eye
Short Term Exposure: If sprayed directly in the eye, this product will irritate. If spraying is prolonged, it may cause damage through frostbite.
Long Term Exposure: No data for health effects associated with long term eye exposure.

Carcinogenicity
Carcinogen Status:
SWA: No significant ingredient is classified as carcinogenic by SWA.
NTP: No significant ingredient is classified as carcinogenic by NTP.
IARC: No significant ingredient is classified as carcinogenic by IARC.

Section 12 - Ecological Information

Ecological Information
This product is biodegradable. It will not accumulate in the soil or water or cause long term problems. Expected to not be an environmental hazard.

Section 13 - Disposal Considerations

Waste Disposal
Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service.

Section 14 - Transport Information

ADG U.N. Number
1950

ADG Proper Shipping Name
AEROSOLS

ADG Transport Hazard Class
2.1

Hazchem Code
2YE

IERG Number
49

IATA UN Number
1950

IATA Proper Shipping Name
Aerosols, flammable

IATA Transport Hazard Class
2.1

IMDG UN Number
1950

IMDG Proper Shipping Name
AEROSOLS

IMDG Transport Hazard Class
2.1

Additional Information
Dangerous according to Australian Dangerous Goods (ADG) Code, IATA and IMDG/IMSBC criteria.

ADG Code: 1950, AEROSOLS
Hazchem Code: 2YE
Special Provisions: 63, 190, 277, 327, 344, 381
Limited quantities: ADG 7 specifies a Limited Quantity value of 1000mL for this class of product.
Dangerous Goods Class: Class 2.1: Flammable gases.
Packing Group: Not set
Packing Instruction: P207, LP200
Class 2.1 Flammable gases shall not be loaded in the same vehicle or packed in the same freight container with Classes 1 (Explosives), 3 (Flammable Liquids) (where both flammable liquids and flammable gases are in bulk), 4.1 (Flammable Solids), 4.2 (Spontaneously Combustible Substances), 4.3 (Dangerous When Wet Substances), 5.1 (Oxidising Agents), 5.2 (Organic Peroxides), and 7 (Radioactive Substances). They may however be loaded in the same vehicle or packed in the same freight container with Classes 2.2 (Non-flammable Non-Toxic gases), 3 (Flammable liquids except where both flammable liquids and flammable gases are in bulk), 6 (Toxic Substances), 8 (Corrosive Substances) 9 (Miscellaneous dangerous goods), Foodstuffs and foodstuff empties.

New Zealand:
Classified as Dangerous Goods for transport in accordance with the Land Transport Rule Dangerous Goods 2005 and NZS 5433:2007.

Section 15 - Regulatory Information

Regulatory Information
New Zealand:
Aerosols Flammable Group Standard 2020 HSR002515

Poisons Schedule
N/A

Australia (AICS/AIIC)
AIIC: This product is compliant with AICIS regulations.

Section 16 - Any Other Relevant Information

User Codes

User Title Label	User Codes
Task #	25768
Task #	2661
Task #	26681
Task #	28247
Task #	28463
Task #	28947
Task #	29930
Task #	631
Transcription Sign Off	25768 MC 08/05/2018

Other Information

Distributed in New Zealand by
Apex Tool Group NZ
21 Raphael Place, West Harbour
Auckland 0618, New Zealand
Phone: +64 9 608 0227
NZ Poisons Information Centre: +64 800 764 766

This SDS contains only safety-related information. For other data see product literature.

Acronyms:
ADG Code: Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition)
AICS: Australian Inventory of Chemical Substances
SWA: Safe Work Australia, formerly ASCC and NOHSC
CAS number: Chemical Abstracts Service Registry Number
Hazchem Code: Emergency action code of numbers and letters that provide information to emergency services especially firefighters
IARC: International Agency for Research on Cancer
NOS: Not otherwise specified
NTP: National Toxicology Program (USA)
R-Phrase: Risk Phrase
SUSMP: Standard for the Uniform Scheduling of Medicines & Poisons
UN Number: United Nations Number

Please read all labels carefully before using product.

Australia:
This SDS is prepared in accord with the SWA document “Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice” (July 2020) and GHS Revision 7

New Zealand:
HSNO Approved Code of Practice: Preparation of Safety Data Sheets. New Zealand Chemical Industry Council September 2006.

http://www.kilford.com.au/ Phone (02)8321 8866

Poisons Information Centre: 13 1126 from anywhere in Australia, (0800 764 766 in New Zealand)

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Any disclaimer by the manufacturer may not be included in the transcription.

END OF SDS