# Powers NAILER-GAS 80ml & TRAK-IT Fuel Cell 80ml

# Stanley Black & Decker Australia Pty Ltd (Powers)

Chemwatch: 24-4032 Version No: 5.1.1.1

Safety Data Sheet according to WHS and ADG requirements

Chemwatch Hazard Alert Code: 4

Issue Date: 10/08/2015 Print Date: 13/08/2015 Initial Date: Not Available S.GHS.AUS.EN

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

### **Product Identifier**

Product name	Powers NAILER-GAS 80ml & TRAK-IT Fuel Cell 80ml
Synonyms	Not Available
Proper shipping name	HYDROCARBON GAS MIXTURE, LIQUEFIED, N.O.S. (contains propylene and 1-butene)
Other means of identification	Not Available

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

Relevant identified	Fuel cell cartridge for use with Powers C4 Trak-it nailing tool and C5 Trak-it nailing tool.
uses	Tack controlled for the man of the man green and controlled from

# Details of the manufacturer/importer

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Registered company name	Stanley Black & Decker Australia Pty Ltd (Powers)
Address	Factory 3, 205 Abbotts Road Dandenong South 3175 VIC Australia
Telephone	+61 3 8795 4600
Fax	+61 3 8787 5899
Website	http://www.powers.com.au
Email	Not Available

# **Emergency telephone number**

• • •	
Association / Organisation	Not Available
Emergency telephone numbers	1800 039 008
Other emergency telephone numbers	Not Available

# CHEMWATCH EMERGENCY RESPONSE

Primary Number	Alternative Number 1	Alternative Number 2
1800 039 008	+612 9186 1132	Not Available

Once connected and if the message is not in your prefered language then please dial 01

# **SECTION 2 HAZARDS IDENTIFICATION**

### Classification of the substance or mixture

HAZARDOUS CHEMICAL. DANGEROUS GOODS. According to the Model WHS Regulations and the ADG Code.

Poisons Schedule	Not Applicable
GHS Classification [1]	Flammable Gas Category 1, Gas under Pressure (Liquefied gas)
Legend:	1. Classified by Chemwatch; 2. Classification drawn from HSIS; 3. Classification drawn from EC Directive 1272/2008 - Annex VI

### Label elements

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SIGNAL WORD

### Hazard statement(s)

H220	Extremely flammable gas
H280	Contains gas under pressure; may explode if heated
AUH044	Risk of explosion if heated under confinement

### Precautionary statement(s) Prevention

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

### Precautionary statement(s) Response

P377	Leaking gas fire: Do not extinguish, unless leak can be stopped safely.
P381	Eliminate all ignition sources if safe to do so.

### Precautionary statement(s) Storage

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

### Precautionary statement(s) Disposal

## SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

# **Substances**

See section below for composition of Mixtures

### **Mixtures**

CAS No	%[weight]	Name
115-07-1	40-70	propylene
106-98-9	30-60	1-butene

▶ If product comes in contact with eyes remove the patient from gas source or contaminated area.

### **SECTION 4 FIRST AID MEASURES**

# **Description of first aid measures**

- Open the eyelid(s) wide to allow the material to evaporate. Gently rinse the affected eye(s) with clean, cool water for at least 15 minutes. Have the patient lie or sit down and tilt the head back. Hold the eyelid(s) open and pour water slowly over the eyeball(s) at the inner corners, letting the water run out of the outer corners.
  - ▶ The patient may be in great pain and wish to keep the eyes closed. It is important that the material is rinsed from the eyes to prevent further damage.
  - ▶ Ensure that the patient looks up, and side to side as the eye is rinsed in order to better reach all parts of the eye(s)
  - Transport to hospital or doctor.
  - ▶ Even when no pain persists and vision is good, a doctor should examine the eye as delayed damage may occur.
  - ▶ If the patient cannot tolerate light, protect the eyes with a clean, loosely tied bandage.

Take the patient to the nearest eye wash, shower or other source of clean water.

▶ Ensure verbal communication and physical contact with the patient.

DO NOT allow the patient to rub the eyes

DO NOT allow the patient to tightly shut the eyes

DO NOT introduce oil or ointment into the eye(s) without medical advice

DO NOT use hot or tepid water.

### Skin Contact

**Eve Contact** 

If skin or hair contact occurs:

- Flush skin and hair with running water (and soap if available).
- ▶ Seek medical attention in event of irritation.

### Inhalation

- ▶ Following exposure to gas, remove the patient from the gas source or contaminated area.
- NOTE: Personal Protective Equipment (PPE), including positive pressure self-contained breathing apparatus may be required to assure the safety of the rescuer.

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▶ Prostheses such as false teeth, which may block the airway, should be removed, where possible, prior to initiating first aid

- ▶ If the patient is not breathing spontaneously, administer rescue breathing.
- If the patient does not have a pulse, administer CPR.
- If medical oxygen and appropriately trained personnel are available, administer 100% oxygen.
- ▶ Summon an emergency ambulance. If an ambulance is not available, contact a physician, hospital, or Poison Control Centre for further instruction.
- ▶ Keep the patient warm, comfortable and at rest while awaiting medical care.
- MONITOR THE BREATHING AND PULSE, CONTINUOUSLY.
- Administer rescue breathing (preferably with a demand-valve resuscitator, bag-valve mask-device, or pocket mask as trained) or CPR if necessary.

### Ingestion

- ▶ Avoid giving milk or oils.
- Avoid giving alcohol.

Not considered a normal route of entry.

### Indication of any immediate medical attention and special treatment needed

For acute or short term repeated exposures to petroleum distillates or related hydrocarbons:

- Primary threat to life, from pure petroleum distillate ingestion and/or inhalation, is respiratory failure.
- Patients should be quickly evaluated for signs of respiratory distress (e.g. cyanosis, tachypnoea, intercostal retraction, obtundation) and given oxygen. Patients with inadequate tidal volumes or poor arterial blood gases (pO2 50 mm Hg) should be intubated.
- Arrhythmias complicate some hydrocarbon ingestion and/or inhalation and electrocardiographic evidence of myocardial injury has been reported; intravenous lines and cardiac monitors should be established in obviously symptomatic patients. The lungs excrete inhaled solvents, so that hyperventilation improves clearance
- A chest x-ray should be taken immediately after stabilisation of breathing and circulation to document aspiration and detect the presence of
- Epinephrine (adrenalin) is not recommended for treatment of bronchospasm because of potential myocardial sensitisation to catecholamines. Inhaled cardioselective bronchodilators (e.g. Alupent, Salbutamol) are the preferred agents, with aminophylline a second choice.
- Lavage is indicated in patients who require decontamination; ensure use of cuffed endotracheal tube in adult patients. [Ellenhorn and Barceloux: Medical Toxicology1

For gas exposures:

### BASIC TREATMENT

- Establish a patent airway with suction where necessary.
- Watch for signs of respiratory insufficiency and assist ventilation as necessary.
- Administer oxygen by non-rebreather mask at 10 to 15 l/min.
- Monitor and treat, where necessary, for pulmonary oedema.
- Monitor and treat, where necessary, for shock.
- Anticipate seizures.

# ADVANCED TREATMENT

- · Consider orotracheal or nasotracheal intubation for airway control in unconscious patient or where respiratory arrest has occurred.
- ▶ Positive-pressure ventilation using a bag-valve mask might be of use.
- Monitor and treat, where necessary, for arrhythmias.
- ▶ Start an IV D5W TKO. If signs of hypovolaemia are present use lactated Ringers solution. Fluid overload might create complications.
- Drug therapy should be considered for pulmonary oedema.
- Hypotension with signs of hypovolaemia requires the cautious administration of fluids. Fluid overload might create complications.
- Treat seizures with diazepam.
- Proparacaine hydrochloride should be used to assist eye irrigation.

BRONSTEIN, A.C. and CURRANCE, P.L.

EMERGENCY CARE FOR HAZARDOUS MATERIALS EXPOSURE: 2nd Ed. 1994

### **SECTION 5 FIREFIGHTING MEASURES**

### **Extinguishing media**

DO NOT EXTINGUISH BURNING GAS UNLESS LEAK CAN BE STOPPED SAFELY:

OTHERWISE: LEAVE GAS TO BURN.

### FOR SMALL FIRE:

- ▶ Dry chemical, CO2 or water spray to extinguish gas (only if absolutely necessary and safe to do so).
- ► DO NOT use water jets.

### FOR LARGE FIRE:

- ▶ Cool cylinder by direct flooding quantities of water onto upper surface until well after fire is out.
- ▶ DO NOT direct water at source of leak or venting safety devices as icing may occur.

# Special hazards arising from the substrate or mixture

# Fire Incompatibility

· Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result

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# Advice for firefighters

Fire/Explosion Hazard

Fire Fighting

### **GENERAL**

- ▶ Alert Fire Brigade and tell them location and nature of hazard.
- ▶ May be violently or explosively reactive.
- Wear breathing apparatus plus protective gloves.
- Consider evacuation
- Fight fire from a safe distance, with adequate cover.
- If safe, switch off electrical equipment until vapour fire hazard removed.
- ▶ Use water delivered as a fine spray to control fire and cool adjacent area.
- ► DO NOT approach cylinders suspected to be hot.

- ▶ HIGHLY FLAMMABLE: will be easily ignited by heat, sparks or flames.
- ▶ Will form explosive mixtures with air
- Fire exposed containers may vent contents through pressure relief valves thereby increasing fire intensity and/ or vapour concentration.
- ▶ Vapours may travel to source of ignition and flash back.
- ▶ Containers may explode when heated Ruptured cylinders may rocket
- Fire may produce irritating, poisonous or corrosive gases.
- Runoff may create fire or explosion hazard.
- ▶ May decompose explosively when heated or involved in fire.
- ▶ High concentration of gas may cause asphyxiation without warning.

### **SECTION 6 ACCIDENTAL RELEASE MEASURES**

### Personal precautions, protective equipment and emergency procedures

- ▶ Avoid breathing vapour and any contact with liquid or gas. Protective equipment including respirator should be used.
- DO NOT enter confined spaces where gas may have accumulated. ▶ Shut off all sources of possible ignition and increase ventilation.

### Minor Spills

- Clear area of personnel.
- ▶ Stop leak only if safe to so do.
- Remove leaking cylinders to safe place.

# **Major Spills**

- ▶ Clear area of all unprotected personnel and move upwind.
- ▶ Alert Emergency Authority and advise them of the location and nature of hazard.
- ▶ May be violently or explosively reactive.
- Wear full body clothing with breathing apparatus.
- ▶ Prevent by any means available, spillage from entering drains and water-courses.
- Shut off all possible sources of ignition and increase ventilation.

Personal Protective Equipment advice is contained in Section 8 of the SDS.

### **SECTION 7 HANDLING AND STORAGE**

### Precautions for safe handling

- ► Consider use in closed pressurised systems, fitted with temperature, pressure and safety relief valves which are vented for safe dispersal.
- ▶ The tubing network design connecting gas cylinders to the delivery system should include appropriate pressure indicators and vacuum or suction lines.
- Fully-welded types of pressure gauges, where the bourdon tube sensing element is welded to the gauge body, are

### Safe handling

Other information

- Before connecting gas cylinders, ensure manifold is mechanically secure and does not containing another gas. Before
- disconnecting gas cylinder, isolate supply line segment proximal to cylinder, remove trapped gas in supply line with aid of vacuum pump ▶ When connecting or replacing cylinders take care to avoid airborne particulates violently ejected when system pressurises.
- Consider the use of doubly-contained piping; diaphragm or bellows sealed, soft seat valves; backflow prevention devices; flash arrestors; and flow monitoring or limiting devices. Gas cabinets, with appropriate exhaust treatment, are recommended, as is automatic monitoring of the secondary enclosures and work areas for release.

- ▶ Store in an upright position. Outside or detached storage is preferred.
- ▶ Cylinders should be stored in a purpose-built compound with good ventilation, preferably in the open.
  - Such compounds should be sited and built in accordance with statutory requirements.
  - ▶ The storage compound should be kept clear and access restricted to authorised personnel only.
  - Cylinders stored in the open should be protected against rust and extremes of weather.
  - ▶ Cylinders in storage should be properly secured to prevent toppling or rolling.

# Conditions for safe storage, including any incompatibilities

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# Suitable container

- ▶ Cylinder:
- Ensure the use of equipment rated for cylinder pressure.
- Ensure the use of compatible materials of construction.
- Valve protection cap to be in place until cylinder is secured, connected.
- Cylinder must be properly secured either in use or in storage.
- Cylinder valve must be closed when not in use or when empty.
- ▶ Segregate full from empty cylinders.

WARNING: Suckback into cylinder may result in rupture.

- ▶ reacts violently with strong oxidisers
- ▶ is able to form unstable peroxides; may polymerise
- ▶ is incompatible with organic and inorganic acids, halogens and their compounds, polymerisable esters, oxygen, cyanohydrin, aluminium borohydride, oxides of nitrogen, molten sulfur
- ▶ may accumulate static charge which may ignite vapours

### Storage incompatibility

### Propylene:

- is able to form unstable peroxides that may cause polymerisation
- reacts violently with strong oxidisers, trifluoromethyl hypofluorite, fluorine, chlorine and many other compounds
- is incompatible with ammonium hydroxide
- forms explosive mixtures with nitrogen oxide compounds
- ▶ may accumulate static charges which may ignite vapour

### SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters

### OCCUPATIONAL EXPOSURE LIMITS (OEL)

### INGREDIENT DATA

Source	Ingredient	Material name	TWA	STEL	Peak	Notes
Australia Exposure Standards	propylene	Propylene	Not Available	Not Available	Not Available	Asphyxiant

### **EMERGENCY LIMITS**

Ingredient	Material name	TEEL-1	TEEL-2	TEEL-3
propylene	Propylene; (1-Propene)	500 ppm	500 ppm	1900 ppm
1-butene	Butene, 1-; (Butylene)	530 ppm	530 ppm	6100 ppm

Ingredient	Original IDLH	Revised IDLH
propylene	Not Available	Not Available
1-butene	Not Available	Not Available

### **Exposure controls**

Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection.

### The basic types of engineering controls are:

## **Appropriate** engineering controls

Process controls which involve changing the way a job activity or process is done to reduce the risk.

Enclosure and/or isolation of emission source which keeps a selected hazard "physically" away from the worker and ventilation that strategically "adds" and "removes" air in the work environment. Ventilation can remove or dilute an air contaminant if designed properly. The design of a ventilation system must match the particular process and chemical or contaminant in use.

Employers may need to use multiple types of controls to prevent employee overexposure.

### Personal protection









# Safety glasses with side shields.

Chemical goggles

### Eye and face protection

Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lenses or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience. Medical and first-aid personnel should be trained in their removal and suitable equipment should be readily available. In the

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	▶ event of chemical exposure, begin eye irrigation immediately and remove contact lens as soon as practicable.
Skin protection	See Hand protection below
Hands/feet protection	▶ When handling sealed and suitably insulated cylinders wear cloth or leather gloves.
Body protection	See Other protection below
Other protection	<ul> <li>The clothing worn by process operators insulated from earth may develop static charges far higher (up to 100 times) than the minimum ignition energies for various flammable gas-air mixtures. This holds true for a wide range of clothing materials including cotton.</li> <li>Avoid dangerous levels of charge by ensuring a low resistivity of the surface material worn outermost.</li> <li>BRETHERICK: Handbook of Reactive Chemical Hazards.</li> <li>Protective overalls, closely fitted at neck and wrist.</li> <li>Eye-wash unit.</li> <li>IN CONFINED SPACES:</li> <li>Non-sparking protective boots</li> <li>Static-free clothing.</li> </ul>
Thermal hazards	Not Available

# **Respiratory protection**

Type AX Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)

# **SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

# Information on basic physical and chemical properties

Appearance	Colourless liquefied gas with a mild olefinic odour; does not mix with water.		
Physical state	Liquified Gas	Relative density (Water = 1)	0.5541
Odour	Not Available	Partition coefficient n-octanol / water	Not Available
Odour threshold	Not Available	Auto-ignition temperature (°C)	Not Available
pH (as supplied)	Not Applicable	Decomposition temperature	Not Available
Melting point / freezing point (°C)	Not Available	Viscosity (cSt)	Not Available
Initial boiling point and boiling range (°C)	Not Available	Molecular weight (g/mol)	Not Applicable
Flash point (°C)	-108	Taste	Not Available
Evaporation rate	Not Available	Explosive properties	Not Available
Flammability	HIGHLY FLAMMABLE.	Oxidising properties	Not Available
Upper Explosive Limit (%)	11.1	Surface Tension (dyn/cm or mN/m)	Not Available
Lower Explosive Limit (%)	1.6	Volatile Component (%vol)	100 (%wt)
Vapour pressure (kPa)	~96 psig @ 21C	Gas group	Not Available
Solubility in water (g/L)	Immiscible	pH as a solution (1%)	Not Applicable
Vapour density (Air = 1)	>1.5 (%wt)	VOC g/L	Not Available

# **SECTION 10 STABILITY AND REACTIVITY**

Reactivity	See section 7
Chemical stability	<ul> <li>Unstable in the presence of incompatible materials.</li> <li>Product is considered stable.</li> <li>Hazardous polymerisation will not occur.</li> <li>Presence of heat source</li> <li>Presence of an ignition source</li> </ul>
Possibility of hazardous reactions	See section 7

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Conditions to avoid	See section 7
Incompatible materials	See section 7
Hazardous decomposition products	See section 5

# **SECTION 11 TOXICOLOGICAL INFORMATION**

Information		

Inhaled	Inhalation of non-toxic gases may cause:  • CNS effects: headache, confusion, dizziness, stupor, seizu • respiratory: shortness of breath and rapid breathing; • cardiovascular: collapse and irregular heart beats; • gastrointestinal: mucous membrane irritation, nausea and v Inhalation of high concentrations of gas/vapour causes lung irr with headache and dizziness, slowing of reflexes, fatigue and in Propylene is a simple asphyxiant and mild anaesthetic at extre limit of 2%). Inhalation may cause dizziness, drowsiness and u Inhalation exposure of white mice to 35% propylene (impure) in degeneration in several animals.	vomiting. itation with coughing and nausea, central nervous depression nco-ordination. emely high concentrations (greater than the lower explosive unconsciousness.	
Ingestion	Overexposure is unlikely in this form.  Not normally a hazard due to physical form of product.  Considered an unlikely route of entry in commercial/industrial environments		
Skin Contact	The material is not thought to produce adverse health effects or skin irritation following contact (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable gloves be used in an occupational setting.  Repeated exposure may cause skin cracking, flaking or drying following normal handling and use.  Open cuts, abraded or irritated skin should not be exposed to this material		
Eye	Although the material is not thought to be an irritant (as classi produce transient discomfort characterised by tearing or conjuit		
Chronic	Principal route of occupational exposure to the gas is by inhala in animal testing, propylene caused an increase in the rate of discharge including pus.		
Powers NAILER-GAS	In animal testing, propylene caused an increase in the rate of		
	In animal testing, propylene caused an increase in the rate of discharge including pus.	cell changes in the airway, and inflammation of the nose with	
Powers NAILER-GAS 80ml & TRAK-IT Fuel	In animal testing, propylene caused an increase in the rate of discharge including pus.  TOXICITY	cell changes in the airway, and inflammation of the nose with	
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# PROPYLENE

**NOT** classifiable as to its carcinogenicity to humans.

Evidence of carcinogenicity may be inadequate or limited in animal testing.

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1-BUTENE	No significant acute toxicological data identified in literature search.		
Acute Toxicity	0	Carcinogenicity	0
Skin Irritation/Corrosion	0	Reproductivity	0
Serious Eye Damage/Irritation	0	STOT - Single Exposure	0
Respiratory or Skin sensitisation	0	STOT - Repeated Exposure	0

Aspiration Hazard

**Legend:** ✓ – Data required to make classification available

🗶 – Data available but does not fill the criteria for classification

○ – Data Not Available to make classification

# **SECTION 12 ECOLOGICAL INFORMATION**

Mutagenicity

### **Toxicity**

DO NOT discharge into sewer or waterways.

# Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
propylene	LOW (Half-life = 56 days)	LOW (Half-life = 0.57 days)
1-butene	LOW	LOW

# **Bioaccumulative potential**

Ingredient	Bioaccumulation
propylene	LOW (BCF = 31)
1-butene	LOW (LogKOW = 2.4)

# Mobility in soil

Ingredient	Mobility
1-butene	LOW (KOC = 43.79)

### **SECTION 13 DISPOSAL CONSIDERATIONS**

### Waste treatment methods

**Product / Packaging** disposal

- Evaporate or incinerate residue at an approved site.
- Return empty containers to supplier.
- Ensure damaged or non-returnable cylinders are gas-free before disposal.

# **SECTION 14 TRANSPORT INFORMATION**

# Labels Required



# Land transport (ADG)

UN number	1965
Packing group	Not Applicable
UN proper shipping name	HYDROCARBON GAS MIXTURE, LIQUEFIED, N.O.S. (contains propylene and 1-butene)
Environmental hazard	No relevant data

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### Air transport (ICAO-IATA / DGR)

UN number	1965			
Packing group	Not Applicable			
UN proper shipping name	Hydrocarbon gas mixture, liquefied, n.o.s. * (contains propylene and 1-butene)			
Environmental hazard	No relevant data			
Transport hazard class(es)	ICAO/IATA Class	2.1		
	ICAO / IATA Subrisk	Not Applicable		
	ERG Code	10L		
Special precautions for user	Special provisions		A1	
	Cargo Only Packing Instructions		200	
	Cargo Only Maximum Qty / Pack		150 kg	
	Passenger and Cargo Packing Instructions		Forbidden	
	Passenger and Cargo Maximum Qty / Pack		Forbidden	
	Passenger and Cargo Limited Quantity Packing Instructions		Forbidden	
	Passenger and Cargo Limited Maximum Qty / Pack		Forbidden	

# Sea transport (IMDG-Code / GGVSee)

UN number	1965		
Packing group	Not Applicable		
UN proper shipping name	HYDROCARBON GAS MIXTURE, LIQUEFIED, N.O.S. (contains propylene and 1-butene)		
Environmental hazard	Not Applicable		
Transport hazard class(es)	IMDG Class 2.1  IMDG Subrisk Not Applicable		
Special precautions for user	EMS Number F-D , S-U Special provisions 274 Limited Quantities 0		

### **SECTION 15 REGULATORY INFORMATION**

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

### PROPYLENE(115-07-1) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards
Australia Hazardous Substances Information System - Consolidated Lists

Australia Inventory of Chemical Substances (AICS)

International Agency for Research on Cancer (IARC) - Agents Classified

by the IARC Monographs

# 1-BUTENE(106-98-9) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Hazardous Substances Information System - Consolidated Lists

Australia Inventory of Chemical Substances (AICS)

National Inventory	Status
Australia - AICS	Y
Canada - DSL	Υ
Canada - NDSL	N (propylene; 1-butene)
China - IECSC	Υ

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### Powers NAILER-GAS 80ml & TRAK-IT Fuel Cell 80ml

Europe - EINEC / ELINCS / NLP	Y
Japan - ENCS	Y
Korea - KECI	Y
New Zealand - NZIoC	Υ
Philippines - PICCS	Υ
USA - TSCA	Υ
Legend:	Y = All ingredients are on the inventory N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing(see specific ingredients in brackets)

### **SECTION 16 OTHER INFORMATION**

### Other information

# Ingredients with multiple cas numbers

Name	CAS No
1-butene	106-98-9, 25167-67-3

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

A list of reference resources used to assist the committee may be found at:

www.chemwatch.net

The (M)SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

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