



46a-Safety Data Sheet

Aerosol Electrical Contact Cleaner

COMPANY AND PRODUCT IDENTIFICATION

Company Name Wolfchester Australia Pty Ltd
ABN 25 120 690 682
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Tel / Fax: (+613) 9737 2800
Email: sales@wolfchester.com.au

Product Name Wolfchester Electrical Contact Cleaner
Other Names 350g Not relevant
Manufacturers Code WOLF013
Recommended use Cleaning of electrical contacts

Poisons Information Centre

AUSTRALIA 13 11 26
NEW ZEALAND 0800 764 766 or 0800 POISON

HAZARD(S) IDENTIFICATION

Hazard Classification This product is classified as hazardous under Australian WHS Regulations. This product is classified as a Dangerous Good by the Australian Dangerous Goods Code.

Aerosols, Cat 1
Compressed Gas
Skin Corrosion/Irritation, Cat 2
Reproductive Toxicity, Cat 2
Aspiration Toxicity, Cat 1
Specific Target Organ Toxicity (Single Exposure), Cat 3

Hazard Statement(s) Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal.

H222 Extremely flammable aerosol
H280 Contains gas under pressure; may explode if heated
H305 May be harmful if swallowed and enters airways
H315 Causes skin irritation
H335 May cause respiratory irritation
H336 May cause drowsiness or dizziness
H361 Suspected of damaging fertility or the unborn child

Signal Danger



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Hazard Symbol



Precautionary Statement(s)

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.
P210 Keep away from heat/sparks/open flames/hot surfaces - No smoking.
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P262 Do not get in eyes, on skin, or on clothing.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302 IF ON SKIN: remove contaminated clothing and wash thoroughly.
P301 + P310 IF SWALLOWED: immediately call a POISON CENTER or doctor/physician.
P331 Do NOT induce vomiting.
P332 + P313 If skin irritation occurs: Get medical advice/attention.
P312 Call a POISON CENTER/ doctor if you feel unwell.
P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

For further health and safety information please refer to the full SDS.

Note: This product should not be used in any purpose or manner contrary to recommended use unless authorised.

COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Proportion
Naphtha (petroleum), hydrotreated light	64742-49-0	60-90%
Hydrocarbon propellant		10-30%
- Propane	74-98-6	
- Butane	106-97-8	
Other ingredients		to 100%

FIRST AID MEASURES



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For advice, contact a Poisons Information Centre 131126 or a doctor. Ensure medical personnel are aware of the identity and nature (hydrocarbon propelled aerosol) involved.

Inhalation: Remove victim to fresh air to prevent further exposure. Propane is an asphyxiant. Fumes may cause drowsiness or dizziness. If breathing difficulties are experienced, seek immediate medical care. Do not use direct mouth to mouth method of resuscitation, use alternative respiratory method.

Skin Contact: Remove contaminated clothing and shoes and wash well skin with warm soapy water. If irritation persists, contact a doctor.

Eye Contact: Flush out immediately with running water for at least 15 minutes. If symptoms persist, seek medical attention.

Ingestion: Due to high volatility of product, this is not likely to occur. If sprayed in mouth, rinse mouth with plenty of water. If swallowed, do NOT induce vomiting. Seek medical attention.

FIRE FIGHTING MEASURES

Beware – heat greater than 50 C / 122 °F may cause these extremely flammable, pressurised dispensers to rupture, and violently rocket in various directions. These rockets will release flammable and potentially toxic gasses, which will increase the risk of fire spreading. In extinguishing any fire beware of any residual unburnt gas that could reignite.

Suitable Extinguishing Media/ Small fire: Use water spray/fog/foam, dry chemical or carbon dioxide (CO₂).
Large fire: Use water spray/fog/foam.

Hazards Aerosols may rupture and rocket (become projectiles) when exposed to excessive heat. Released gases can form extremely flammable, invisible, odourless explosive mixtures with air. Released gases can be heavier than air and travel to source of ignition causing flashback. Hazardous concentrations can accumulate in a confined space (pits, low laying areas). Fire can produce irritating, poisonous and corrosive gases. High concentration of gas could cause dizziness or asphyxiation without warning.

Precautions / PPE For large quantities, consider initial evacuation for at least 100m in all directions.
Fight fire from protected position or use unmanned hose holders or monitor nozzles.
Use spark-proof tools and explosion-proof equipment.
Wear SCBA and protective gloves. Structural firefighter's uniform provides limited protection. If large amounts are involved, wear SCBA and chemical splash suit.
If impossible to safely extinguish fire, protect surroundings, withdraw from area and allow fire to burn.
If safe to do so, move undamaged aerosols from fire area but do not approach hot aerosols.
Cool aerosols with water before handling.

Hazchem Code (for Placarding and transport only) 2YE
Class 2 flammable gas



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ACCIDENTAL RELEASE MEASURES

**Personal
Precautions, PPE
and Emergency
Procedures**

Spill is flammable (until LPG dissipates). Eliminate all sources of ignition including static discharge. Wear protective gloves and safety glasses to prevent contamination of skin and eyes.

Minor spills: Keep area well ventilated and wipe up.

Major spills:

Isolate spill or leak area for at least 8 m in all directions. Eliminate all sources of ignition within at least 15 m.

Keep upwind and to higher ground (propellant gas is heavier than air and will seek low points, pay special attention to drains and pits- these will likely be explosive environments).

Major fire:

Consider initial evacuation for at least 100 m in all directions

**Environmental
Precautions
Containment /
Clean up
Procedures**

Notify police and fire brigade of the location, material, UN Number, quantity and emergency contact as well as condition and damage observed.

Keep leaking containers away from drains, surface and ground water.

Ensure leakage does not enter streams, sewers or drinking water supply.

Eliminate all ignition sources, including static within at least 15 m. All equipment used when handling the product must be earthed.

If water is available, spray leaking containers to reduce ignition hazard and disperse gas. Isolate area until gas has dispersed. Ventilate area. Avoid release to the environment. Do not empty into drains or natural waterways.

Absorb spill with inert absorbent material (e.g. dry sand or earth) for disposal using an approved method or following local regulations.

HANDLING AND STORAGE

**Precautions for
Safe Handling**

Ensure spray nozzle is always directed away from user. Do not pierce or burn can after use. Extremely flammable- Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Do not breathe concentrated, vapour, mist or spray. Local exhaust ventilation may be necessary to minimise excessive vapour concentration (as long as they do not introduce risk of ignition), if levels are likely to be high or in a confined space.

**Conditions for
Safe Storage**

Keep out of reach of children. Store in a well-ventilated area, away from damp or corrosive conditions. Protect from sunlight and do not expose to temperatures exceeding 50 °C / 122 °F. Store in accordance with Dangerous Goods Regulations and transport in accordance with the ADG Code for Dangerous Goods Class 2.1

EXPOSURE CONTROLS / PERSONAL PROTECTION



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National Exposure Standards	There is no established TLV (Threshold Limit Value) for this product. Avoid exposure – obtain special instructions before use. Butane - TWA (Time-Weighted Average) is 800ppm / 1900mg/m ³ Propane is an asphyxiant
Biological Limit Values	Not available.
Engineering Controls	No smoking. No flames or sources of ignition. Local exhaust ventilation may be necessary to minimise excessive vapour concentration, if levels are likely to be high or in a confined space.
Personal Protective Equipment (PPE)	Personal Protective Equipment is not required under normal conditions of use. When handling bulk quantities, wear protective gloves and safety glasses. Do not exceed exposure limits.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Aerosol, Clear spray
Odour	Solvent like
pH	Not applicable
Vapour Pressure	Not available
Vapour Density	Not available
Boiling point (propellant)	-42 to 0°C
Solubility in Water	Immiscible
Specific Gravity (propellant)	0.58 approx
Flash Point (propellant)	-104 to -60°C
Flammable limits (propellant)	1.5% to 9.6% in air (v/v)
Ignition Temperature (propellant)	494°C to 600°C

STABILITY AND REACTIVITY

Chemical Stability	Stable under normal ambient conditions of storage and use. Avoid heat/ignition sources. Aerosol cans may explode/burst violently when subject to extremes of heat or pressure and may become projectiles.
Conditions to avoid	Heat, flames and sparks. Avoid static charge and discharge with high concentrations and in confined space. Avoid damp or corrosive conditions.
Incompatible Materials / Hazardous Reactions	Can react violently with oxidising agents, mineral acids, phosphorous, chlorine.
Hazardous Decomposition Products	Products may include carbon monoxide, carbon dioxide, organic complexes

TOXICOLOGICAL INFORMATION



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Potential adverse health effects and symptoms associated with exposure to the material

Vapours may cause light-headedness, drowsiness and dizziness.

Ingestion: Unlikely due to high volatility of product.

Eyes: Liquid will cause severe irritation. Vapour may cause irritation.

Skin: May cause cold burn. Irritating to skin. May result in dryness and cracking.

Inhalation: Produces hallucinations and narcotic effect. Ingestion of large amounts will result in drowsiness, fatigue, loss of appetite, paresthesia in distal extremities (tingling in hands and feet). Possibility of muscle weakness, cold pulsation in extremities (hands and feet), blurred vision, headache, and nausea. Vomiting may cause this product to be aspirated to the lungs resulting in chemical pneumonitis or pulmonary oedema. Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal. May cause light-headedness, dizziness and drowsiness. Excessive exposure may cause unconsciousness or even death, due to asphyxiation.

ECOLOGICAL INFORMATION

The information provided is based on data available for the material and the components of the material.

Ecotoxicity / Persistence / Degradability / Mobility

Propellant will vaporise rapidly when released to atmosphere. Propellant consists of hydrocarbons that photo chemically decompose under atmospheric conditions.

DISPOSAL CONSIDERATIONS

Consumer Instructions Bulk quantities

Recycle empty can.
Empty containers might contain residue and can be dangerous. Do not pierce or burn, even when empty.
Dispose of according to Local, State and National regulations.

TRANSPORT INFORMATION

Transport in accordance with the requirements of ADG Code.

UN Number	1950
Proper Shipping Name (ADG 7, IMDG)	AEROSOLS
Proper Shipping name (IATA)	AEROSOLS, FLAMMABLE
EMS Code	F-D, S-U
Emergency Procedure Guide	2D1



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Class and subsidiary risk(s)	2.1
Packaging Group	None allocated
Hazchem Code	2YE
Special Precautions for Users	Keep out of reach of children. Spray in well-ventilated area. Keep away from sources of ignition – No smoking. Extremely flammable - Do not spray on a naked flame or any incandescent material. Do not breathe vapour/mist/spray. Wear protective gloves, eye protection and suitable respirator when mixing or using.

REGULATORY INFORMATION

Poisons Schedule	N/A
Additional information	Not applicable