



# SAFETY DATA SHEET

## A NEW FORCE IN CHEMICAL MANUFACTURING

AEROSOLS | WELDING CHEMICALS | ADHESIVES & THREADLOCKERS | ANTI-SEIZE & GREASES | CLEANING CHEMICALS & SOLVENTS | ELECTRICAL & ELECTRONICS

ISSUED JANUARY 2019 (VALID 5 YEARS FROM THE DATE OF ISSUE)

### SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

SUPPLIER	CHEMTOOLS PTY LTD	PHONE	1300 738 250 (Business Hours)
ADDRESS	Unit 2, 14 – 16 Lee Holm Road ST MARYS NSW 2760	FAX	02 9623 3670
		WEBSITE	www.chemtools.com.au

PRODUCT NAME	Cable Pulling Lubricant		
PART NUMBER	CT-CPL	PRODUCT TYPE	Gel lubricant
PRODUCT USE	Non-conductive lubricant for electrical cabling		
CREATION DATE	May 2014	LATEST REVISION DATE	Refer to date of issue above

### SECTION 2: HAZARDS IDENTIFICATION

Statement of Hazardous Nature	Classified as NON-HAZARDOUS according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS).
SUSMP Classification	None allocated.
ADG Classification	Classified as NON-DANGEROUS GOODS by the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail.
UN Number	None allocated.
Hazchem Code	None allocated.
Packing Group	None allocated.
GHS Signal Word	Not applicable.
GHS Hazard Pictograms	Not applicable.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### Ingredients:

Chemical Entity	CAS Number	Proportion
Ingredients not considered to be hazardous	-	100%

### SECTION 4: FIRST AID MEASURES

General Advice	If poisoning occurs, contact a doctor or Poisons Information Centre (Australia 13 11 26, New Zealand 0800 764 766).
Inhalation	Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek immediate medical advice if effects persist.
Skin Contact	If skin or hair contact occurs, remove contaminated clothing and wash skin and hair with soap and water. If irritation occurs seek medical advice.

POISONS INFORMATION CENTER: 13 1126 FROM ANYWHERE IN AUSTRALIA (0800 764 766 FROM NEW ZEALAND)



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PRODUCT NAME: Cable Pulling Lubricant

Page 2 of 2

This revision issued January 2019

Eye Contact	If in eyes, hold eyelids apart and flush the eyes with running water. In all cases of eye contamination, it is a sensible precaution to seek medical advice.
Ingestion	Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Seek immediate medical advice.
Notes to Physician	Treat symptomatically.

### SECTION 5: FIRE FIGHTING MEASURES

Hazchem Code	None allocated.
Suitable Extinguishing Media	Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder).
Specific Hazards	Combustible liquid. On burning, will emit toxic fumes, including those of oxides of carbon.
Special Protective Equipment and Precautions for Fire Fighters	Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion. Keep containers cool with water spray.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

Emergency Procedures and Environmental Precautions	Shut off all possible sources of ignition. If contamination of sewers or waterways has occurred, advise local emergency services.
Personal Precautions, Protective Equipment, and Methods and Materials for Containment and Clean up:	Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact and breathing in vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent soil, sand or other inert material. Collect and seal in properly labelled containers or drums for disposal.

### SECTION 7: HANDLING AND STORAGE

Classification	Classified as C2 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS 1940. Refer to State Regulations for storage and transport requirements.
Precautions for Safe Handling	Avoid skin and eye contact and breathing in vapour, mists and aerosols.
Conditions for Safe Storage	Store in a cool, dry, well ventilated place and out of direct sunlight. Store away from sources of heat or ignition. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.

### SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Glycerin mist: 8hr TWA = 10 mg/m<sup>3</sup>

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PRODUCT NAME: Cable Pulling Lubricant

Page 3 of 3

This revision issued January 2019

As published by Safe Work Australia Workplace Exposure Standards for Airborne Contaminants.

TWA - The time-weighted average airborne concentration of a particular substance when calculated over an eight-hour working day, for a five-day working week.

These Workplace Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These workplace exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

**Appropriate engineering controls:** Ensure ventilation is adequate to maintain air concentrations below Workplace Exposure Standards. Vapour heavier than air - prevent concentration in hollows or sumps. DO NOT enter confined spaces where vapour may have collected. If inhalation risk exists: Use with local exhaust ventilation or while wearing organic vapour respirator or air supplied mask. Keep containers closed when not in use.

If in the handling and application of this material, safe exposure levels could be exceeded, the use of engineering controls such as local exhaust ventilation must be considered and the results documented. If achieving safe exposure levels does not require engineering controls, then a detailed and documented risk assessment using the relevant Personal Protective Equipment (PPE) (refer to PPE section below) as a basis must be carried out to determine the minimum PPE requirements.

**Individual protection measures, such as Personal Protective Equipment (PPE):** The selection of PPE is dependent on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.

### OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES

Wear overalls, safety glasses and impervious gloves. If determined by a risk assessment an inhalation risk exists, wear an organic vapour respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Form	Clear, viscous liquid
Colour	Colourless
Odour	Odourless
Solubility	Miscible in water
Specific Gravity (20°C)	1.26
Relative Vapour Density (air = 1)	3.2
Vapour Pressure (20°C)	0.0025 mmHg @ 50°C
Flash Point (°C)	199 (PMCC)
Flammability Limits (%)	2.7 - 19

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PRODUCT NAME: Cable Pulling Lubricant

Page 4 of 4

This revision issued January 2019

Auto Ignition Temperature (°C)	370
Melting Point/Range (°C)	~ 18
Boiling Point/Range (°C)	290
Decomposition Point (°C)	Not available
pH	7
Viscosity	1,412 mPa.s @ 20°C (dynamic)
Partition Coefficient	log Pow: -1.76

### SECTION 10: STABILITY AND REACTIVITY

Reactivity	No information available.
Chemical Stability	Stable under normal conditions of use. Hygroscopic: absorbs moisture or water from surrounding air.
Possibility of Hazardous Reactions	Hazardous polymerisation will not occur.
Conditions to Avoid	Avoid exposure to heat, sources of ignition, and open flame.
Incompatible Materials	Incompatible with strong oxidising agents.
Hazardous Decomposition Products	Oxides of carbon.

### SECTION 11: TOXICOLOGICAL INFORMATION

#### TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and over-exposure occurs are:

#### ACUTE EFFECTS

Ingestion	No adverse effects expected, however, large amounts may cause nausea and vomiting.
Skin Contact	Contact with skin may result in irritation. Will have a degreasing action on the skin. Repeated or prolonged skin contact may lead to irritant contact dermatitis.
Eye Contact	May be an eye irritant.
Inhalation	Where this material is used in a poorly ventilated area, at elevated temperatures or in confined spaces, vapour may cause irritation to mucous membranes of the respiratory tract, headache and nausea.

#### ACUTE TOXICITY

Oral LD50 (rat): 27,200 mg/kg (1), Oral LD50 (mice): ~23,000 mg/kg (1), Oral LD50 (guinea pig): 11,500 mg/kg (1), Dermal LD50 (rabbit): >18,700 mg/kg (1), Dermal LD50 (guinea pig): 56,750 mg/kg (1),

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PRODUCT NAME: Cable Pulling Lubricant

Page 5 of 5

This revision issued January 2019

Skin Corrosion/Irritation	Non-irritant (1)
Serious Eye Damage/Irritation	Non-irritant (1)
Respiratory or Skin Sensitisation	No information available.

### CHRONIC TOXICITY

Chronic Effects	No information available for this product.
Mutagenicity	Non-mutagenic in AMES test. (1)
Carcinogenicity	No evidence of carcinogenic effects. (1)
Reproductive Toxicity	No evidence of reproductive effects. (1)
Specific Target Organ Toxicity (STOT) – Single Exposure	No information available.
Specific Target Organ Toxicity (STOT) – Repeated Exposure	No information available.
Aspiration Hazard	Not classified.

### SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	Avoid contaminating waterways.
Ecotoxicity	No information available.
Persistence and Degradability	The material is readily biodegradable. (1)
Bioaccumulation Potential	No information available.
Mobility in Soil	No information available.
48hr LC50 (Daphnia Magna):	1,995 mg/L (1)
96hr LC50 (Rainbow Trout):	54,000 mg/L (1)
96hr LC50 (Fathead Minnow):	885 mg/L (1)

### SECTION 13: DISPOSAL CONSIDERATIONS

General Information	Refer to Waste Management Authority. Dispose of in contents and container in accordance with local, regional, national and international Regulations.
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### SECTION 14: TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT	NON-DANGEROUS GOODS. Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.
MARINE TRANSPORT	NON-DANGEROUS GOODS.

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PRODUCT NAME: Cable Pulling Lubricant

Page 6 of 6

This revision issued January 2019

### AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code)

for transport by sea.

NON-DANGEROUS GOODS.

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

### SECTION 15: REGULATORY INFORMATION

#### Classification

Based on available information, not classified as hazardous according to Safe Work Australia; NON-HAZARDOUS CHEMICAL.

### SECTION 16: OTHER INFORMATION

#### KEY/LEGEND

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail (7 <sup>th</sup> Edition)
AICS	Australian Inventory of Chemical Substances
CAS Number	Chemical Abstracts Service (Registry Number)
CO <sub>2</sub>	Carbon Dioxide
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services, especially firefighters.
IARC	International Agency for Research on Cancer
KG	Kilograms
LC <sub>50</sub>	LC stands for Lethal Concentration
LD <sub>50</sub>	LD stands for Lethal Dose
LT	Litres
N.O.S.	Not Otherwise Specified
NTP	National Toxicology Program (USA)
ppm	Parts per Million
STEL	Short Term Exposure Limit
SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
SWA	Safe Work Australia, formerly ASCC and NOHSC
TLV	Threshold Limit Value
TWA	Time Weighted Average
UN Number	United Nations Number

This SDS is prepared in accordance with the Safe Work Australia (SWA) document, entitled: **Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice (February 2016)**.

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PRODUCT NAME: Cable Pulling Lubricant

Page 7 of 7

This revision issued January 2019

This Safety Data Sheet (SDS) summarises our best knowledge of the Health and Safety Hazard information pertaining to this product, including how to safely handle and use the product in the workplace.

Each user must review this SDS in the context of the how the product will be handled and used. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact **Chemtools Pty Ltd**, whereby we will attempt to obtain additional information from our suppliers.

Our responsibility for products sold is subject to our Terms and Conditions, a copy of which is sent to our customers and is also available upon request.

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