



NEW ZEALAND MADE FOR THE TRADE

SAFETY DATA SHEET

Section 1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: WASP Anti-Spatter Liquid
Product Code: 7739 (20 L)
Uses: Lubricant coating for metal to stop weld spatter adhering to surface.
Company: Chemz Ltd
Address: 80 Rangitane Place
Whakatu, Hastings
Telephone: +64 6 877 9690
Email: info@chemz.co.nz
Emergency Number 24 hr: 0800 764 766 (0800 POISON) NZ National Poison Centre

Section 2 – HAZARDS IDENTIFICATION

Classification of the product

Considered as a hazardous substance according to the Hazardous Substance (Minimum Degrees of Hazard) Regulations NZ.
Classified as a dangerous goods for transport purposes.

HSNO Classifications:

6.1D (O) Acutely toxic (oral)
6.3A Irritating to the skin
6.4A Irritating to the eye
6.7B Suspected human carcinogens
6.9B (Inh) Harmful to human target organs or systems
9.3C Harmful to terrestrial vertebrates

GHS Classifications:

Acute Toxicity: Oral Category 4
Skin irritation Category 2
Eye irritation Category 2A
Carcinogenicity Category 2
STOT (single exposure) Category 2
Ecotoxic to terrestrial vertebrates



Signal Words: Warning

Hazard Statements

H302 Harmful if swallowed.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H351 Suspected of causing cancer.
H371 May cause damage to organs by inhalation.
H433 Harmful to terrestrial vertebrates.

Section 3 – COMPOSITION INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS No.	Proportion, % m/m
Dichloromethane	75-09-2	> 60
Other ingredients determined to not be hazardous	-	to 100%



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Section 4 – FIRST AID MEASURES

If medical advice is needed, have product container or label at hand.

If exposed or if you feel unwell: Call a POISON CENTRE (0800 764 766) or doctor.

- Ingestion:** IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell. Rinse mouth. Do NOT induce vomiting.
- Skin contact:** IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice. Remove contaminated clothing and wash before re-use.
- Eye contact:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.
- Inhalation:** IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTRE or doctor.
- Notes to physician:** Treat symptomatically and supportively. No specific antidote.

Section 5 – FIRE-FIGHTING MEASURES

- Specific hazards:** Containers and product will burn if involved in a fire.
- Further advice:** On burning may emit toxic fumes including those of carbon monoxide and carbon dioxide. Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of combustion.
- Extinguishing media:** Use water spray, fog, or foam. Do not discharge extinguishing waters into the aquatic environment.
- Hazchem Code:** 2Z

Section 6 – ACCIDENTAL RELEASE MEASURES

- Minor spills:** Slippery when spilt. Clean up all spills immediately. Use absorbent (soil, sand or other inert material). Collect and seal in properly labeled containers for disposal. Provide ventilation. Collect spillage.
- Major spills:** Evacuate the spill area. Call the Fire Brigade. Remove all sources of ignition. If safe to do so, prevent spillage from entering drains or water courses. If material enters drains, advise emergency services. Use absorbent (soil, sand or other inert material). Collect and seal in properly labeled containers for disposal.

Section 7 – HANDLING AND STORAGE

- Handling Precautions:** Read product label before use. Keep out of reach of children.
Use in a well-ventilated area. Avoid breathing vapour. Wash hands with soap and water after handling. Avoid release to the environment.
- Storage:** Store in a well ventilated, cool, dry place. Keep container tightly closed. Store locked up.

Section 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits: No value assigned for product. Exposure standards for constituents (NZ WES);

Material	TWA, mg/m ³	STEL, mg/m ³
Dichloromethane (6.7B)	174	-
	-	-

Additional Information: Wash hands before eating, drinking and smoking.

Engineering Controls: No controls required when handling small quantities. Use with adequate ventilation. General exhaust is adequate under normal operating conditions.



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Protective Equipment: In an industrial environment: gloves, safety glasses or chemical goggles and protective gloves are recommended. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace.

In an enclosed area or in case of inadequate ventilation wear respiratory protection. If TWA is exceeded, wear an approved respirator with a type A filter.

Section 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Clear colourless volatile liquid.

pH: Not applicable.

Vapour Density: 2.9 (Air =1)

Vapour Pressure, kPa: 46.5

Boiling Point, °C: 40

Melting Point, °C: Not applicable.

Specific Gravity: 1.3

Flash Point, °C: Not applicable.

Explosion Limit, % v/v: LEL 14% UEL 22% (oxygen rich)

Autoignition Temp, °C: 662

Solubility: Slightly soluble in water.

Section 10 – STABILITY AND REACTIVITY

Stability: Stable under normal conditions of use. Not reactive. Avoid oxidisers. Avoid elevated temperatures.

Section 11 – TOXICOLOGICAL INFORMATION

Basis for Assessment: Information given is based on product testing, and/or similar products, and/or components.

Acute Oral Toxicity: LD₅₀ of mixture calculated to be 1,660 mg/kg, Rat. May be harmful if swallowed.

Acute Dermal Toxicity: LD50 of mixture calculated to be > 2000 mg/kg, Rabbit. Low toxicity

Acute Inhalation Toxicity: Narcotic - may cause drowsiness or dizziness. High concentrations may cause central nervous system depression resulting in headaches, dizziness and nausea.

Skin Irritation: May cause mild skin irritation.

Eye Irritation: May be irritating to the eye. Contact with eyes is irritating causing short term discomfort.

Respiratory Irritation: Inhalation of vapour may cause irritation to the nose and throat. The inhalation of large quantities will result in moderate discomfort. Symptoms of over-exposure can include dizziness and nausea.

Sensitisation: Not a sensitiser.

Repeated Dose Toxicity: Central nervous system: repeated inhalation exposure may affect the nervous system. Prolonged contact with product may result in irritant contact dermatitis.

Section 12 – ECOTOXICITY INFORMATION

Ecotoxicity: Product is slightly ecotoxic to terrestrial vertebrates.

Mobility: No data available.

Persistence/degradability: Some components may be persistent.

Bioaccumulation: Has the potential to bioaccumulate.



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Section 13 – DISPOSAL CONSIDERATIONS

- Material Disposal:** Product wastes are ecotoxic and should be disposed of in accordance with applicable regulations. Do not dispose into the environment, in drains or in water courses. Waste product should not be allowed to contaminate soil or water.
- Large quantities should be handled by a suitable disposal facility. Incineration in an authorised facility is suggested.
- Container Disposal:** Recycle empty container in an approved recycling stream. Product containers are considered wastes of the same class as the contents and should be disposed of in accordance with applicable regulations.

Section 14 – TRANSPORT INFORMATION

- Transport:** Classified as a Dangerous Good for transport purposes.
- Proper Shipping Name:** DICHLOROMETHANE SOLUTION N.O.S.
- UN Number:** 1593
- Dangerous Goods Class:** 6.1
- Transport Labels Required:** Toxic
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- Subsidiary Risk:** Not applicable
- Packing Group:** III
- Marine Pollutant:** Yes
- EMS Number:** F-A, S-A
- DG Segregation:** This product is classified as a Dangerous Goods. Please consult the Land Transport Rule: Dangerous Goods 2005, and NZS 5433:2012 Transport of Dangerous Goods on Land for information.

Section 15 – REGULATORY INFORMATION

- Inventory Listing:** All components of this product are listed on the New Zealand Inventory of Chemicals (NZIoC) and Australian NICNAS AICS.
- This substance is to be managed using the conditions specified in an applicable Group Standard.
- EPA Approval Number:** HSR002607 Lubricants (Toxic [6.7] Group Standard 2017
- EPA Hsno Controls:** Refer to www.epa.govt.nz for information on Controls.

Section 16 – OTHER INFORMATION

Additional information Health Effects from Exposure: It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

Abbreviations	AICS	Australian Inventory of Chemical Substances
	ADG	Australian Code for the Transport of Dangerous Goods by Road and Rail
	CAS	Chemical Abstract Service number
	EMS	Emergency Response Procedures for Ships Carrying Dangerous Goods
	EPA	Environmental Protection Agency (New Zealand)



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GHS	Globally Harmonized System
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC ₅₀	Lethal Concentration, 50% / Median Lethal Concentration
LD ₅₀	Lethal Dose, 50% / Median Lethal Dose
LEL	Lower Explosion Limit
mg/m ³	Milligrams per Cubic Metre
NICNAS	National Industrial Chemicals Notification and Assessment Scheme (Australia)
NZIoC	New Zealand Inventory of Chemicals
N.O.S.	Not otherwise specified
OEL	Occupational Exposure Limit
PEL	Permissible Exposure Limit
STEL	Short-Term Exposure Limit
STOT-RE	Specific target organ toxicity (repeated exposure)
STOT-SE	Specific target organ toxicity (single exposure)
TLV	Threshold Limit Value
TWA	Time Weighted Average
UEL	Upper Explosion Limit

This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Chemz Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material. If clarification or further information is needed, the user should contact their Chemz representative or Chemz Limited at the contact details on page 1. Chemz Limited's responsibility for the material as sold is subject to the terms and conditions of sale.

End of sds.