



WD 400



SAFETY DATA SHEET

Section 1 - Identification of the Preparation and the Company

WD 400 – Aerosol
Code OMWD400

This product is classified as hazardous according to the criteria of Safe Work Australia.

Classified as a Dangerous Good according to the Australian Dangerous Goods Code (ADG).

Uses: Lubricating agent

Omega Power Equipment Pty Ltd

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Section 2 – Hazards Identification

Classification of the substance or mixture

Poisons Schedule Classification Not Applicable
Flammable Aerosols Category 1, Skin Corrosion/Irritation Category 2, Specific target organ toxicity – single exposure Category 3 (narcotic effects), Aspiration Hazard Category 1

Legend 1. Classified by Chemwatch; 2. Classification drawn from HCIS; 3. Classification drawn from Regulation (EU) No 1272/2008 – Annex VI

Label elements

Signal Word **Danger**
Hazard pictogram(s)



Flame



Health Hazard



Chronic

Hazard Statement(s)

H223 Flammable aerosol
H315 Causes skin irritation
H336 May cause drowsiness or dizziness
H304 May be fatal if swallowed and enters airways
AUH044 Risk of explosion if heated under confinement

Precautionary Statement(s) Prevention

P101 If medical advice is needed, have product container or label at hand
P102 Keep out of reach of children
P210 Keep away from flames and 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.
P271 Use only outdoors or in a well-ventilated area.
P261 Avoid breathing mist/vapours/spray
P280 Wear protective gloves/protective clothing/eye protection/face protection.



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**Precautionary Statement(s) Response**

P301+P310 IF SWALLOWED: Immediately call a POISON Centre or doctor/physician.
 P321 Specific treatment (see advice on this label)
 P331 Do NOT induce vomiting.
 P362 Take off contaminated clothing and wash before reuse.
 P312 Call a POISON CENTRE or doctor/physician if you feel unwell.
 P302+P352 IF ON SKIN: Wash with plenty of water and soap.
 P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 P332+P313 If skin irritation occurs: Get medical advice/attention.
 P305 + P313 + P351 + P337 + P338 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/attention
 P370 + P378 In case of fire: Use carbon dioxide, dry chemical or foam for extinction

Precautionary Statement(s) Storage

P405 Store locked up.
 P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122°F
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.

Precautionary Statement(s) Disposal

P501 Dispose of contents/container to approved landfill

Section 3 - Composition/Information on Ingredients

The product is a lubricating spray which contains hazardous ingredients at concentrations above the concentration cut-offs specified by Safe Work Australia.

Ingredient(s)

Name	CAS Number	Concentration w/w
LPG propellant (propane / butane)	74-98-6 / 106-97-8	25%
Distillates(petroleum) straight-run middle	64741-44-2	60-65%
Highly refined mineral oils and additives	Not available	5-10%
Barium Sulphonate	Not available	<1
Dipropylene glycol monomethyl ether	34590-94-8	<1
Other ingredients determined to be non-hazardous	Not available	Balance

Section 4 – First Aid Measures

Ingestion:

Unlikely to occur considering the packaging of the product but if swallowed NEVER GIVE AN UNCONSCIOUS PERSON ANYTHING TO DRINK NOR ATTEMPT TO INDUCE VOMITING. If the person is conscious, rinse mouth out with water ensuring that mouthwash is not swallowed. Give about 250mL (2 glasses) of water to drink. DO NOT attempt to induce vomiting. Seek URGENT medical attention. For advice, contact a Poisons Information Centre (phone eg Australia 131 126; New Zealand 0800 764 766).

Inhalation:

Remove to fresh air. Keep warm and at rest. If breathing is laboured, hold in a half upright position (this assists respiration). Apply artificial respiration if breathing has stopped. Seek URGENT medical attention for all but the most minor cases of over-exposure. Deliberately concentrating and inhaling the contents may be fatal.

Eye Contact:

If in eyes, IMMEDIATELY hold eyelids apart and flush the eye continuously with running water. Seek medical attention. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.

Skin Contact:

Remove contaminated clothing. Rinse the affected area with water then wash thoroughly with soap and water. Use water alone, if soap is unavailable. Seek medical attention if any soreness or inflammation of the skin persists or develops later. Launder affected clothing before re-use.

Advice to Doctor:

Treat symptomatically



Section 5 – Fire Fighting Measures

Aerosol with highly flammable contents. Do not spray near sources of ignition such as open flames, sparks, hot surfaces or burning cigarettes. Aerosol cans may explode if heated above 54 degrees Celsius.

In case of fire, wear self-contained breathing apparatus. If possible remove containers from the vicinity of the fire. Otherwise keep containers as cool as possible by spraying with water, from a protected position.

Extinguish using carbon dioxide, dry chemical or foam. Water jets are not suitable for fire fighting

Section 6 – Accidental Release Measures

Eliminate ignition sources. Vapours are heavier than air and may travel considerable distances to sources of ignition. Wear protective equipment as specified for handling. Wipe up with paper towels or similar. Remove leaking aerosols to a well-ventilated (preferably outdoor) area so that the solvent can evaporate safely. Dispose as an empty aerosol container.

Section 7 – Handling and Storage

Storage:

Store out of direct sunlight in a cool well ventilated area. High temperatures may cause pressure build up inside aerosol cans. Protect containers against physical damage.

Handling:

Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Provide adequate ventilation. Avoid vapour concentration above the exposure standards. Avoid inhalation of vapour and spray mist. Avoid skin or eye contact. Keep aerosols (either full or empty) away from sources of ignition – No smoking. For Personal Protective Equipment (PPE), see Section 8.

Section 8 – Exposure Controls/Personal Protection

Exposure standards: Exposure standards have not been allocated to this product. Information for the ingredients is:

Butane TWA: 800 ppm, 1,900 mg/m³

Propane Asphyxiant

Dipropylene glycol monomethyl ether TWA: 50 ppm, TWA 308 mg/m³

Exposure standards represent airborne concentrations of individual chemical substances, which according to current knowledge, should neither impair the health nor cause undue discomfort to nearly all workers. Exposure standard may be a time-weighted average (TWA), a short-term exposure limit (STEL) or a peak level.

Engineering Controls:

Aerosols may generate high vapour levels. Do not disregard ventilation requirements because of small product size. Ventilation requirements depend on the quantity of product in use. General (mechanical) ventilation is adequate for minor use but ventilation must be sufficient to maintain vapour levels below the appropriate exposure standard and fan forced or local exhaust ventilation may be required if using large amounts of this product in a poorly ventilated area.

Personal Protection:

Safety glasses are adequate for normal use. Avoid spraying onto skin. PVC, neoprene, nitrile or butyl rubber gloves should be worn, if necessary to prevent skin contact. A half face respirator with organic solvent vapour filter may be required in poorly ventilated conditions. In confined spaces use air supplied breathing apparatus. N.B. TAKE THE LIMITS OF ABSORPTION CAPACITY INTO ACCOUNT. CHANGE FILTERS REGULARLY.



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Section 9 – Physical and Chemical Properties

Appearance	Slightly viscous liquid.
Odour	Oil Like
Colour	Pale yellow
Solubility	Insoluble
Ph: 1% Solution	Not pertinent
Boiling point	Within the range -42°C to 0°C (based on the propellant)
Flash point	Within the range -104°C to 60°C (based on the propellant)
Explosive properties	Within the range 1.5% to 9.6% (in air v/v) (based on the propellant)
Vapour pressure	300 to 1400 kPa (based on the propellant)
Specific gravity	0.82 (liquid)

Section 10 – Stability and Reactivity

Stable under recommended storage and handling conditions (refer to Section 7).

If heated to decomposition or burned, the product may generate carbon monoxide, carbon dioxide, oxides of nitrogen, other toxic fumes and smoke.

Keep away from oxidising agents, strongly alkaline and acidic materials.

Section 11 – Toxicological Information

Symptoms of Exposure:

Acute Health Effects

INGESTION: Not considered a likely route of entry as the product is in aerosol form but the contents would be Irritating if ingested and could cause coughing, headache, dullness, abdominal spasm and diarrhoea as well as symptoms similar to those for inhalation.

EYE: Liquid and high vapour concentration are irritating and may cause watering of the eyes.

SKIN: Irritating. Contact with the product may defat the skin and contribute to dermatitis.

INHALATION: Exposure to solvent vapour concentrations in excess of the relevant exposure standards (see Section 8) may result in adverse health effects. Symptoms of over exposure include headache, drowsiness, fatigue, dizziness and in extreme cases, loss of consciousness. Deliberately concentrating and inhaling the contents may be fatal.

Chronic Health Effects

Exposure to solvent vapour concentrations in excess of the relevant exposure standards (see Section 8) may result in adverse health effects. Symptoms of over exposure include headache, drowsiness, fatigue, dizziness and in extreme cases, loss of consciousness. Contact may result in skin irritation.

Section 12 – Ecological Information

Environmental Fate:

Hazardous to the environment. Do not allow to enter drains or waterways.

WATER: The product will volatilise rapidly from water (half life - days). Bio concentration should not be significant.

SOIL: Product will biodegrade quickly in soil and water.

ATMOSPHERE: The product is expected to exist predominantly in the vapour phase and will be rapidly degraded in the atmosphere by reaction with photochemically produced hydroxyl radicals.

Potential to Bioaccumulate:

Negligible for ingredient in this product.

Section 13 – Disposal Considerations

DO NOT puncture or incinerate empty aerosol containers. Dispose to approved landfill. However, do not dispose to waste that is likely to be incinerated.

**WD 400****Section 14 – Transport Information****Proper Shipping Name:** AEROSOLS FLAMMABLE**UN Number:** 1950**Class:** 2.1**Packing Group:** Not Applicable**Hazchem Code:** 3(Y)E

- Class 2.1 Flammable Gases should not be transported or stored with goods of:
- Class 1 Explosives
 - Class 3 Flammable Liquids (where both flammable liquids and flammable gases are in bulk)
 - Class 4.1 Flammable Solids
 - Class 4.2 Spontaneously Combustible Substances
 - Class 4.3 Dangerous When Wet Substances
 - Class 5.1 Oxidising Agents
 - Class 5.2 Organic Peroxides
 - Class 7 Radioactive Substances

Section 15 – Regulatory Information

Product is not a Scheduled Poison according to the requirements of the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

All ingredients are listed on the Australian Inventory of Chemical Substances (AICS).

Section 16 – Other Information

User should verify applicability of this data sheet if more than 5 years old.

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Date of Issue: 2nd November, 2020**Revision:** 3