



# Safety Data Sheet

## 1 – Product Identifier & Identity for the Chemical

<p><b>Manufacturer:</b> WD-40 Company Australia Pty Ltd</p> <p><b>Address:</b> 41 Rawson Street (Level 2, Suite 23) Epping NSW, 2121, Australia</p> <p><b>Telephone:</b> <b>Information:</b> +61 2 9868 2200 <b>Emergency only:</b> 1800 024 973</p> <p><b>Poisons Information Centre:</b> <b>Australia:</b> 13 11 26 <b>New Zealand:</b> 0800 764 766</p> <p><b>New Zealand Contact Details:</b> <b>Name:</b> Eproducts New Zealand Limited <b>Address:</b> 7D Orbit Drive Albany New Zealand <b>Telephone:</b> <b>Information:</b> 09 916 6750</p>	<p><b>Product Name:</b> WD-40 Handy Pen</p> <p><b>Chemical Name:</b> Mixture</p> <p><b>Product Use:</b> Lubricant, Penetrant, Drives Out Moisture, Removes and Protects Surfaces From Corrosion</p> <p><b>Restriction on Use:</b> None Identified</p> <p><b>SDS Date Of Preparation:</b> 30 November 2015</p>
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## 2 – Hazards Identification

### Classification of the Hazardous Chemical (in accordance with WHS Regulation)

Health	Environmental	Physical
Aspiration Toxicity Category 1	Not Hazardous	Not Hazardous

### Label Elements



Contains: Aliphatic Hydrocarbon

#### Danger!

H304 May be fatal if swallowed and enters airways.

#### Response

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor or physician.  
P331 Do NOT induce vomiting.

#### Storage

P405 Store locked up.

#### Disposal

P501 Dispose of contents and container in accordance with local and national regulations.

**Other Hazards that do not Result in Classification:** None

### 3 - Composition/Information on Ingredients

Ingredient	CAS #	Weight Percent	Substance Classification
Aliphatic Hydrocarbon	64742-47-8	60-70%	Asp. Tox. Cat 1 (H304)
Petroleum Base Oil	64742-58-1 64742-53-6 64742-56-9 64742-65-0	20-30%	Not Hazardous
Non-Hazardous Ingredients	Mixture	<10%	Not Hazardous

See Section 16 for full text of GHS Classification and H phrases

### 4 – First Aid Measures

**Ingestion (Swallowed):** Ingestion of significant amounts is very unlikely due to product form; however liquid contents are an Aspiration Hazard. DO NOT induce vomiting. Call a Poisons Information Center (phone 13 11 26 from anywhere in Australia or 0800 764 766 in New Zealand) immediately.

**Eye Contact:** Flush thoroughly with water. Get medical attention if irritation persists

**Skin Contact:** Wash with soap and water. If irritation develops and persists, get medical attention.

**Inhalation (Breathing):** Inhalation overexposure is very unlikely due to product form. If irritation is experienced, move to fresh air. Get medical attention if irritation or other symptoms develop and persist.

**Most Important Symptoms:** Harmful or fatal if swallowed. May cause eye irritation.

**Indication of Immediate Medical Attention and Special Treatment, if Needed:** Immediate medical attention is needed for the unlikely event of ingestion.

### 5 – Fire Fighting Measures

**Suitable Extinguishing Media:** Use water fog, dry chemical, carbon dioxide or foam.

**Specific Hazards Arising from the Chemical:** The liquid contents of the pen are not flammable but will burn under fire conditions. However, the pen contains a small amount of the liquid and the contents are released only when pressure is applied to the tip. The product presents only a minimal fire hazard.

**Special Protective Equipment and Precautions for Fire-Fighters:** Firefighters should always wear positive pressure self-contained breathing apparatus and full protective clothing.

### 6 – Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures:** Large spills of this product are unlikely due to product form. Wear appropriate protective clothing (see Section 8). Eliminate all sources of ignition and ventilate area.

**Environmental Precautions:** Report spills to authorities as required.

**Methods and Materials for Containment/Cleanup:** If pen leaks, wipe up any free liquid and place the pen and the waste in an appropriate container for disposal. In manufacturing and storage where large numbers of pens may be damaged, eliminate all sources of ignition, ventilate area. collect the pens into a container for disposal. Collect any released liquid with an inert absorbent and place in a container for disposal. Clean spill area thoroughly. Report spills to authorities as required.

### 7 – Handling and Storage

**Precautions for Safe Handling:** Keep product away from open flame. Keep away from children. Replace cap on pen when not in use. Avoid contact with eyes. Avoid prolonged contact with skin.

**Conditions for Safe Storage, including any incompatibilities:** Store away from excessive heat and flames. Store away from oxidizers.

## 8 – Exposure Controls /Personal Protection

Chemical	Occupational Exposure Limits	Biological Limit Value
Aliphatic Hydrocarbon	1200 mg/m <sup>3</sup> TWA (manufacturer recommended)	None Established
Petroleum Base Oil	5 mg/m <sup>3</sup> TWA AU OEL (as oil mist, mineral) 5 mg/m <sup>3</sup> TWA, 10 mg/m <sup>3</sup> STEL NZ OEL (as oil mist, mineral) 5 mg/m <sup>3</sup> TWA ACGIH TLV (inhalable) (as mineral oil)	None Established
Non-Hazardous Ingredients	None Established	None Established

### The Following Controls are Recommended for Normal Consumer Use of this Product

**Appropriate Engineering Controls:** None required.

**Personal Protection:**

**Eye Protection:** Avoid eye contact.

**Skin Protection:** Avoid prolonged skin contact.

**Respiratory Protection:** None needed for normal use.

### For Bulk Processing or Workplace Use the Following Controls are Recommended

**Appropriate Engineering Controls:** Use adequate general and local exhaust ventilation to maintain exposure levels below that occupational exposure limits.

**Personal Protection:**

**Eye Protection:** Safety goggles recommended where eye contact is possible.

**Skin Protection:** Wear chemical resistant gloves.

**Respiratory Protection:** None required if ventilation is adequate. If the occupational exposure limits are exceeded, wear an approved respirator. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

**Work/Hygiene Practices:** Wash with soap and water after handling.

**Other Protective Equipment:** None required.

## 9 – Physical and Chemical Properties

Appearance and Odor:	Pen containing 7.7 mL of a cloudy, light amber liquid	Partition Coefficient of n-octanol/water:	Not determined
Odor Threshold:	Not determined	Auto-ignition temperature:	Not determined
pH:	Not determined	Decomposition Temperature:	Not determined
Melting/Freezing Point:	Not determined	Viscosity:	Not determined
Boiling Point / Range:	162°C (323°F)	Specific Heat Value:	Not determined
Flash Point:	>93.3°C (>200°F) Tag Closed Cup	Particle Size:	Not applicable
Evaporation Rate :	Not determined	VOC:	0 grams/liter (0%)
Flammability (solid, gas):	Not applicable	Percent Volatile:	Not determined
Flammable Limits:	LEL 1.0% UEL 9.0%	Saturated Vapor Concentration:	Not determined
Vapor Pressure:	0.07 mmHg @ 20C (aliphatic petroleum distillates)	Release of invisible flammable vapors and gases:	No
Vapor Density (air = 1):	Greater than 1	Aerosol Protection Level (NFPA 30B):	Not applicable
Relative Density (Water = 1):	0.832 @ 22.2°C (72°F)	Solubility:	Insoluble in water

## 10 – Stability and Reactivity

**Reactivity:** Not reactive under normal conditions.

**Chemical Stability:** Stable under normal storage conditions.

**Possibility of Hazardous Reactions:** May react with strong oxidizers generating heat.

**Conditions to Avoid:** Avoid heat, sparks, flames and other sources of ignition. Do not puncture or incinerate containers.

**Incompatible Materials:** Strong oxidizing agents.

**Hazardous Decomposition Products:** Carbon monoxide and carbon dioxide.

## 11 – Toxicological Information

### Health Hazards:

**Ingestion:** Ingestion of significant amounts is extremely unlikely due to product form. This product has low oral toxicity. Swallowing of the liquid contents may cause irritation, nausea, vomiting and diarrhea. The liquid contents are an aspiration hazard. If swallowed, can enter the lungs and may cause chemical pneumonitis.

**Eye Contact:** Contact with the liquid contents may be mildly irritating to eyes. May cause redness and tearing.

**Skin Contact:** Prolonged and/or repeated contact may produce mild irritation and defatting with possible dermatitis.

**Inhalation:** Overexposure is very unlikely due to product form. High concentrations may cause nasal and respiratory irritation and central nervous system effects such as headache, dizziness and nausea. May aggravate existing respiratory conditions such as asthma. Intentional abuse may be harmful or fatal.

**Chronic Exposure:** None known.

**Medical Conditions Aggravated by Exposure:** Preexisting eye, skin and respiratory conditions may be aggravated by exposure.

### Acute Toxicity Values:

The oral toxicity of this product is estimated to be greater than 5,000 mg/kg and the dermal toxicity greater than 2,000 mg/kg based on an assessment of the ingredients.

**Skin Corrosion/Irritation:** No data available for mixture. Based on the ingredients, this product is not expected to be a skin irritant.

**Serious Eye Damage/Irritation:** No data available for mixture. Based on the ingredients, this product is not expected to be an eye irritant.

**Respiratory or Skin Sensitization:** This product is not expected to cause sensitization.

**Germ Cell Mutagenicity:** None of the components have been found to be mutagenic.

**Carcinogenicity:** None of the components are listed as a carcinogen or suspected carcinogen by IARC, NTP, ACGIH, US OSHA or the EU CLP.

**Reproductive Toxicity:** None of the components are known to cause adverse reproductive effects.

### Specific Target Organ Toxicity:

**Single Exposure:** No data available.

**Repeated Exposure:** No data available.

**Aspiration Hazard:** No data available. Based on the ingredients, this product is expected to present an aspiration hazard and may be harmful if the contents are swallowed.

## 12 – Ecological Information

### Ecotoxicity:

No specific aquatic toxicity data is currently available; however components of this product are not expected to be harmful to aquatic organisms

**Persistence and Degradability:** Components are readily biodegradable.

**Bioaccumulative Potential:** Bioaccumulation is not expected based on an assessment of the ingredients.

**Mobility in Soil:** No data available.  
**Other Adverse Effects:** None Known

### 13 - Disposal Considerations

**Safe Handling and Disposal Method:** Discard empty pen in trash.  
**Disposal of Contaminated Packaging:** Empty containers may be disposed of through normal waste management options.  
**Environmental Regulations:** Dispose of all waste product, absorbents, and other materials in accordance with applicable Federal, state and local regulations.

### 14 – Transportation Information

**IMDG Shipping Name:** Not Regulated  
**IMDG Hazard Class:** None  
**UN Number:** None  
**Marine Pollutant:** No

**IATA Shipping Name:** Not Regulated  
**IATA Hazard Class:** None  
**UN Number:** None

**ADG Shipping Name:** Not Regulated  
**ADG Hazard Class:** None  
**UN Number:** None  
**Hazchem (Emergency Action) Code:** None

**Special Precautions for User:** WD-40 Company does not test containers to assure that they can withstand the pressure change without leakage when transported by air. We do not recommend that our products be transported by air unless a specific review is conducted.

### 15 – Regulatory Information

**Montreal Protocol (Ozone Depleting Substances):** None present  
**The Stockholm Convention (Persistent Organic Pollutants):** None present  
**The Rotterdam Convention (Prior Informed Consent):** Not applicable  
**Basel Convention:** Not applicable  
**International Convention for the Prevention of Pollution from Ships (MARPOL):** None present  
**Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP):** Hydrocarbons, liquids are listed in Schedule 5.

**Australian Inventory of Chemical Substances:** All of the components of this product are listed on the AICS inventory.

#### **New Zealand:**

**HSNO Approval Number:** HSR002519  
*Considered a Hazardous Substance according to the criteria of the New Zealand Hazardous Substances New Organisms legislation. Not classified as Dangerous Good for transport purposes.*

HSNO Hazard Classes: 6.1E

New Zealand Inventory: All the ingredients comply with the HSNO regulations.

### 16 – Other Information

REVISION DATE: 30 November 2015 SUPERSEDES: New SDS

Prepared By: Industrial Health & Safety Consultants, Inc.

Full Text of GHS Classification and H Phrases from Section 3:  
Asp. Tox. Cat 1 Aspiration Toxicity Category 1  
H304 May be fatal if swallowed and enters airways.

List of Abbreviations or Acronyms:

ACGIH American Conference of Industrial Hygienists  
ADG Australian Dangerous Goods  
AICS Australian Inventory of Chemical Substances  
AU Australia  
EC Effective Concentration  
EU European Union  
GHS Globally Harmonized System of Classification and Labelling of Chemicals  
HSNO Hazardous Substances and New Organisms  
IARC International Agency of Research on Cancer  
IATA International Air Transport Association  
IMDG International Maritime Dangerous Goods  
LC Lethal Concentration  
LD Lethal Dosage  
LEL Lower Explosive Limit  
NTP National Toxicology Program  
NZ New Zealand  
OEL Occupational Exposure Limits  
PEL Permissible Exposure Limit  
SDS Safety Data Sheet  
STEL Short Term Exposure Limit  
TWA Time-Weighted Average  
UEL Upper Explosive Limit  
US OSHA United States Occupational Safety and Health Administration  
VOC Volatile Organic Compounds  
WHS Work Health and Safety

REVIEWED BY:           *J. Kowalski*          

TITLE:           Manager Regulatory Affairs          

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This SDS complies with Australian guidelines for SDS. The foregoing information has been compiled from sources believed to be accurate but is not warranted to be. Recipients are advised to confirm in advance of need that data is correct. Standards change without notice. It is the responsibility of the recipient to insure that their personnel have been notified of any changes which may affect them. The data provided on this SDS are not meant to be used as specifications, only as guideline information as to the safe use of this product. User should refer to applicable laws before use.

2067000/ No.