



SAFETY DATA SHEET

according to NOHSC:1015(2001) and NOHSC:2011(2003)

75W90 - Lubricant

Material number 68218655

Revision date: 9/4/2014

Version: 1

Language: en-AU

Date of print: 19/8/2014

Page: 1 of 6

Classified as hazardous according to criteria of NOHSC.

1. Identification of the substance/mixture and of the company/undertaking

Product identifier

Trade name: 75W90 - Lubricant
This safety data sheet pertains to the following products:
68218654AA
68218655AA
68218655GA

Relevant identified uses of the substance or mixture and uses advised against

General use: Lubricant

Details of the supplier of the safety data sheet

Company name: Chrysler Australia Pty Ltd.
Street/POB-No.: 437 Plummer Street, Port Melbourne
Postal Code, city: AUS-3207 Melbourne
Dept. responsible for information:
After-Sales
Telephone: +86 21 6192 7899
E-mail: SDS@Chrysler.com

Emergency telephone number

Telephone: 0459 988 123 / +61 (0)3 8698 0255

2. Hazards identification

Other hazards

Frequent or prolonged skin contact may cause irritation and inflammation.
Special danger of slipping by leaking/spilling product.

3. Composition / information on ingredients

Mixtures

Chemical characterization:
Oil mixture and additives

Hazardous ingredients:

CAS No.	Designation	Content	Classification
CAS 84605-20-9	Amines, polyethylenepoly-, reaction products with succinic anhydride polyisobutenyl derivs.	1 - 5 %	Aquatic toxicity - chronic - Category 3.
CAS 29658-97-7	Dodecenylsuccinic acid	< 3 %	Serious eye corrosion - Category 1.
CAS 9003-27-4	Polyisobutylene	1 - 5 %	Aquatic toxicity - chronic - Category 4.

Additional information: Contains: Mineral oil, < 3% dimethylsulfoxide (DMSO) extract, according to IP 346.



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Page: 2 of 6

4. First aid measures

- In case of inhalation: Move victim to fresh air, provide oxygen as needed. Seek medical treatment in case of troubles.
- In case of skin contact: After contact with skin, wash immediately with soap and plenty of water. Change contaminated clothing. In case of skin irritation, consult a physician.
- After eye contact: Remove contact lenses, if any. Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. In case of troubles or persistent symptoms, consult an ophthalmologist.
- After swallowing: Never give anything by mouth to an unconscious person. Rinse mouth. Do not induce vomiting. Seek medical treatment in case of troubles.

Most important symptoms and effects, both acute and delayed

- In case of ingestion: Gastrointestinal complaints, diarrhoea, nausea, vomiting.
When swallowed and vomited immediately, aspiration into the lungs may occur resulting in chemical pneumonia or suffocation.
- After contact with skin:
Frequent or prolonged skin contact may cause irritation and inflammation.
- After eye contact: Upon direct contact with eyes may cause burning, tearing, redness.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. Firefighting measures

Extinguishing media

Suitable extinguishing media:

Foam, Water fog, extinguishing powder, sand, carbon dioxide.

Extinguishing media which must not be used for safety reasons:

Full water jet

Special hazards arising from the substance or mixture

This material is combustible, but will not ignite readily. The product may release harmful vapours by heating. Vapours can form explosive mixtures with air.
In case of fire may be liberated: Toxic gases/vapours, hydrocarbons, traces of incompletely burned carbon compounds, carbon monoxide and carbon dioxide.

Advice for firefighters

Special protective equipment for firefighters:

Treat as oil fire. Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information: Hazchem-Code: -

Heating causes rise in pressure with risk of bursting. Cool endangered containers with water spray and, if possible, remove from danger zone. Use water spray jet to knock down vapours. Do not breathe fumes. Do not allow fire water to penetrate into surface or ground water.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Avoid contact with the substance. Avoid formation of aerosols/vapours. Do not breathe vapour/aerosol. If vapours form, use respiratory protection. Ensure adequate ventilation, especially in confined areas.



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Page: 3 of 6

Environmental precautions

Do not allow to penetrate into soil, waterbodies or drains. If necessary notify appropriate authorities.

Methods and material for containment and cleaning up

Plug leak if safely possible. Collect with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents, or sawdust) and place in closed containers for disposal. Final cleaning. Dispose of waste according to applicable legislation.

Additional information: Special danger of slipping by leaking/spilling product.

7. Handling and storage

Precautions for safe handling

Advices on safe handling: Provide adequate ventilation, and local exhaust as needed. Avoid prolonged, intensive skin contact and contact with the eyes. Avoid formation of aerosols/vapours. Do not breathe vapour/aerosol. If vapours form, use respiratory protection. When using do not eat, drink or smoke.

Precautions against fire and explosion:

Usual measures for fire prevention.

Storage

Requirements for storerooms and containers:

Keep container tightly closed in a cool, well-ventilated place. Store in a dry place. Protect from frost, heat and sunlight.

Storage temperature: <49 °C.

Suitable material: Steel

Hints on joint storage:

Do not store together with strong oxidizing agents.

Keep away from food, drink and animal feedingstuffs.

8. Exposure controls/personal protection

Control parameters

Occupational exposure limit values:

Type	Limit value
Australia: OEL-TWA	5 mg/m ³ Oil fog

Exposure controls

Provide for good room ventilation, suctioning/venting.

See also information in chapter 7, section storage.

Personal protection equipment

Occupational exposure controls

Respiratory protection: If vapours form, use respiratory protection.

Use filter type A (= against vapours of organic substances) according to AS/NZS 1716.

Hand protection:

Recommended:

Protective gloves according to AS/NZS 2161.

Glove material: Neoprene (0.5 mm), Nitrile rubber (0.11 mm), PVC (0.5 mm).

Breakthrough time: >480 min.

Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection:

Tightly sealed eye protectors according to AS/NZS 1337.

Body protection:

Recommended: Wear suitable protective clothing.



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Page: 4 of 6

General protection and hygiene measures:

Avoid prolonged, intensive skin contact and contact with the eyes. Change contaminated clothing. Wash contaminated clothing prior to re-use. Avoid formation of aerosols/vapours. Do not breathe vapour/aerosol. Have eye wash bottle or eye rinse ready at work place. After work, wash hands and face. When using do not eat, drink or smoke.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance:	Physical state: liquid Colour: brown
Odour:	characteristic
Odour threshold:	no data available
pH value:	no data available
Melting point/freezing point:	no data available
Initial boiling point and boiling range:	280 °C
Flash point/flash point range:	204 °C
Evaporation rate:	no data available
Flammability:	This material is combustible, but will not ignite readily.
Explosive properties:	Vapours can form explosive mixtures with air.
Explosion limits:	LEL (Lower Explosion Limit): 1.00 Vol-% UEL (Upper Explosion Limit): 10.00 Vol-%
Vapour pressure:	negligible
Vapour density:	> 1
Density:	0.875 g/mL
Water solubility:	insoluble
Partition coefficient: n-octanol/water:	no data available
Auto-ignition temperature:	320 °C
Thermal decomposition:	no data available

Additional information

Viscosity, kinematic:	at 40 °C: 101.7 mm ² /s
Explosive properties:	Vapours can form explosive mixtures with air.

10. Stability and reactivity

Reactivity:	The product may release harmful vapours by heating. Vapours can form explosive mixtures with air.
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions:	Do not expose to high temperature. Danger of bursting and explosion. Hazardous polymerisation: will not occur. No dangerous reactions with proper and specified storage and handling.
Conditions to avoid:	Excessive heating. Protect from frost, heat and sunlight. Avoid formation of aerosols/vapours.
Incompatible materials:	Strong oxidizing agents



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Page: 5 of 6

Hazardous decomposition products:

In case of fire may be liberated: Toxic gases/vapours, hydrocarbons, traces of incompletely burned carbon compounds, carbon monoxide and carbon dioxide.

Thermal decomposition: no data available

11. Toxicological information

Information on toxicological effects

Toxicological effects: Acute toxicity (oral): Lack of data.
Acute toxicity (dermal): Lack of data.
Acute toxicity (inhalative): Based on available data, the classification criteria are not met.
Skin corrosion/irritation: Lack of data.
Eye damage/irritation: Eye irritation - Category 2A = Causes serious eye irritation.
Sensitisation to the respiratory tract: Lack of data.
Skin sensitisation: Lack of data.
Germ cell mutagenicity/Genotoxicity: Lack of data.
Carcinogenicity: Lack of data.
Reproductive toxicity: Lack of data.
Effects on or via lactation: Lack of data.
Specific target organ toxicity (single exposure): Lack of data.
Specific target organ toxicity (repeated exposure): Lack of data.
Aspiration hazard: Based on available data, the classification criteria are not met.

Symptoms

In case of ingestion: Gastrointestinal complaints, diarrhoea, nausea, vomiting.
When swallowed and vomited immediately, aspiration into the lungs may occur resulting in chemical pneumonia or suffocation.
After contact with skin:
Frequent or prolonged skin contact may cause irritation and inflammation.
After eye contact: Upon direct contact with eyes may cause burning, tearing, redness.

12. Ecological information

Toxicity

Further details: no data available

Persistence and degradability

Further details: no data available

Mobility in soil

no data available

Additional ecological information

General information: Do not allow to penetrate into soil, waterbodies or drains.



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Page: 6 of 6

13. Disposal considerations

Waste treatment methods

Product

Recommendation: Dispose of waste according to applicable legislation.

Contaminated packaging

Recommendation: Dispose of waste according to applicable legislation. Non-contaminated packages may be recycled.

14. Transport information

Land transport (ADR/RID)

Product designation: Not restricted

Sea transport (IMDG)

Proper shipping name: Not restricted

Marine pollutant: No

Air transport (IATA)

Proper shipping name: Not restricted

Further information

No dangerous good in sense of these transport regulations.

15. Regulatory information

National regulations - Australia

Hazchem-Code: -

16. Other information

Date of first version: 9/4/2014

Department issuing data sheet

Contact person: see section 1: Dept. responsible for information

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.