

SECTION 1: Product identifier

1.1. GHS Product identifier

Product form : Mixture
Trade name : (Aerosol) Lubrice
Product code : 003498000042

1.2. Other means of identification

Synonyms : ALUB101D

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Lubricant
Restrictions on use : For professional use only

1.4. Details of manufacturer or importer

Autosmart Australia
11 Darrambal Close
Rathmines NSW 2283 NSW
Australia
T 02 49 75 14 88 (Mon to Fri, 08:00 - 16:00 AEST)
autosmart@autosmartaustralia.com.au - www.autosmartaustralia.com.au

1.5. Emergency phone number

Emergency number : NCEC - For Chemical Emergency Support ONLY (spill, leak, fire, exposure or accident),
Call NCEC at 18000 74234 (toll free 24Hrs) - when calling please quote "AUTOSMART 29003-NCEC"
Local number +61 2 8 014 4558
General Information. Transport Information. Mild medical Information:-
Tel: 02 49 75 14 88 (Mon to Fri, 08:00 - 16:00 AEST)

SECTION 2: Hazard identification

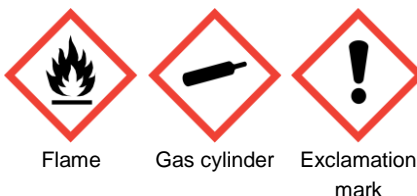
2.1. Classification of the hazardous chemical

Classification according to the model Work Health and Safety Regulations (WHS Regulations)

| | |
|--|-----------|
| Aerosol, Category 1 | H222;H229 |
| Gases under pressure : Compressed gas | H280 |
| Skin corrosion/irritation, Category 2 | H315 |
| Specific target organ toxicity – Single exposure, Category 3, Narcosis | H336 |

2.2. GHS Label elements, including precautionary statements

Hazard pictograms (GHS AU) :



Signal word (GHS AU) : Danger
Contains : Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane (16.2925 %)
Hazard statements (GHS AU) : H222 - Extremely flammable aerosol
H229 - Pressurised container: May burst if heated
H280 - Contains gas under pressure; may explode if heated
H315 - Causes skin irritation
H336 - May cause drowsiness or dizziness

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Precautionary statements (GHS AU) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 - Do not spray on an open flame or other ignition source.
P251 - Do not pierce or burn, even after use.
P261 - Avoid breathing vapours, spray.
P271 - Use only outdoors or in a well-ventilated area.
P270 - Do not eat, drink or smoke when using this product.
P280 - Wear protective gloves.
P302+P352 - IF ON SKIN: Wash with plenty of water.
P332+P313 - If skin irritation occurs: Get medical advice, medical attention.
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312 - Call a POISON CENTER, a doctor if you feel unwell.
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C, 122 °F.

2.3. Other hazards which do not result in classification

No additional information available

SECTION 3: Composition and information on ingredients

| Name | CAS-No. | % | Classification according to the model Work Health and Safety Regulations (WHS Regulations) |
|---|------------|---------|--|
| Petroleum gases, liquefied (Contains < 0.1% 1,3-butadiene) | 68476-85-7 | 33.5 | Flam. Gas 1A, H220 Press. Gas (Comp.), H280 Flam. Liq. 1, H224 |
| Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane | - | 16.2925 | Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 |
| Other substances (not contributing to the classification of this product) | - | 50.21 | - |

SECTION 4: First aid measures

4.1. Description of necessary first-aid measures

First-aid measures general : Call a poison center or a doctor if you feel unwell.
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact : Rinse eyes with water as a precaution.
First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

4.2. Symptoms caused by exposure

Symptoms/effects : May cause drowsiness or dizziness.
Symptoms/effects after inhalation : Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard.
Symptoms/effects after skin contact : Irritation.
Symptoms/effects after eye contact : None under normal conditions.
Symptoms/effects after ingestion : None under normal conditions.

4.3. Medical attention and special treatment

Other medical advice or treatment : Treat symptomatically.

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according to the Work Health and Safety (WHS) Regulations

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

- Fire hazard : Extremely flammable aerosol.
Explosion hazard : Pressurised container: May burst if heated.
General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters.
Absorb spillage to prevent material damage.

5.3. Special protective equipment and precautions for fire-fighters

- Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters.
Absorb spillage to prevent material damage.

6.1.1. For non-emergency personnel

- Protective equipment : Wear recommended personal protective equipment.
Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.

6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and materials for containment and cleaning up

- For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.
Methods for cleaning up : Mechanically recover the product.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.
Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes. Wear personal protective equipment.
Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Keep in a cool, well-ventilated place away from heat.

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- Storage conditions : Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store locked up. Keep container tightly closed.
- Packaging materials : Store always product in container of same material as original container.

SECTION 8: Exposure controls and personal protection

8.1. Control parameters - exposure standards

| Petroleum gases, liquefied (Contains < 0.1% 1,3-butadiene) (68476-85-7) | |
|---|--|
| Australia - Occupational Exposure Limits | |
| Local name | LPG (liquefied petroleum gas) |
| OES TWA | 1800 mg/m ³ 1000 ppm |
| Remark (AU) | Carcinogenicity Category 1B - Presumed to have a carcinogenic potential for humans. The classification of a substance into this category is based largely on animal evidence where there is sufficient evidence to demonstrate carcinogenicity in animals or where there is limited evidence of carcinogenicity in humans and animals. |
| Regulatory reference | Workplace exposure standards for airborne contaminants (2022) |

8.2. Monitoring methods

No additional information available

8.3. Engineering controls

- Appropriate engineering controls : Ensure good ventilation of the work station.

8.4. Individual protection measures, such as personal protective equipment (PPE)

- Personal protective equipment : Wear recommended personal protective equipment.
- Materials for protective clothing : The following Australian and New Zealand Standards will provide general advice regarding safety clothing and equipment: Industrial Clothing: AS2919.
- Hand protection : Protective gloves. The following Australian and New Zealand Standards will provide general advice regarding safety clothing and equipment: Protective Gloves: AS 2161.
- Eye protection : Safety glasses. The following Australian and New Zealand Standards will provide general advice regarding safety clothing and equipment: Industrial Eye Protection: AS1336 and AS/NZS 1337.
- Skin and body protection : Wear suitable protective clothing
- Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment. The following Australian and New Zealand Standards will provide general advice regarding safety clothing and equipment: Respiratory equipment: AS/NZS 1715.

Personal protective equipment symbol(s)



- Environmental exposure controls : Avoid release to the environment.

SECTION 9: Physical and chemical properties

- Physical state : Liquid
- Appearance : Aerosol.
- Colour : Yellow amber
- Odour : Odourless.
- Odour threshold : No data available
- pH : Not relevant - substance/mixture is non-soluble (in water).
- pH solution : No data available

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| | |
|---|---|
| Relative evaporation rate (butylacetate=1) | : No data available |
| Melting point / Freezing point | : Melting point: Not applicable |
| Boiling point | : No data available |
| Flash point | : < -40 °C |
| Auto-ignition temperature | : No data available |
| Flammability | : No data available |
| Vapour pressure | : No data available |
| Relative density | : No data available |
| Density | : No data available |
| Solubility | : No data available |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Viscosity, kinematic | : < 20.5 mm ² /s |
| Explosive properties | : Pressurised container: May burst if heated. |
| Explosive limits | : No data available |
| Minimum ignition energy | : No data available |
| VOC content | : 353 g/l |
| Fat solubility | : No data available |

SECTION 10: Stability and reactivity

| | |
|------------------------------------|---|
| Reactivity | : Extremely flammable aerosol. Pressurised container: May burst if heated. |
| Chemical stability | : No additional information available |
| Possibility of hazardous reactions | : No additional information available |
| Conditions to avoid | : Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition. |
| Incompatible materials | : No additional information available |
| Hazardous decomposition products | : No additional information available |

SECTION 11: Toxicological information

| | |
|-----------------------------|------------------|
| Acute toxicity (oral) | : Not classified |
| Acute toxicity (dermal) | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

| | |
|-----------------------|--|
| LD50 dermal rat | 2800 – 3100 mg/kg bodyweight Animal: rat, Remarks on results: other: |
| LC50 Inhalation - Rat | > 25.2 mg/l air Animal: rat |

| | |
|-----------------------------------|--|
| Skin corrosion/irritation | : Causes skin irritation. pH: Not relevant - substance/mixture is non-soluble (in water). |
| Serious eye damage/irritation | : Not classified pH: Not relevant - substance/mixture is non-soluble (in water). |
| Respiratory or skin sensitisation | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |
| STOT-single exposure | : May cause drowsiness or dizziness. |

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

| | |
|------------------------|------------------------------------|
| STOT-single exposure | May cause drowsiness or dizziness. |
| STOT-repeated exposure | : Not classified |

Petroleum gases, liquefied (Contains < 0.1% 1,3-butadiene) (68476-85-7)

| | |
|---------------------------------------|---|
| LOAEC (inhalation, rat, gas, 90 days) | 12000 ppm Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test), Guideline: other: |
| Aspiration hazard | : Not classified. |

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| | |
|-----------|---------|
| Vaporizer | Aerosol |
|-----------|---------|

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| (Aerosol) Lubrice | |
|---|---|
| Not able to form a pool | Yes |
| Viscosity, kinematic | < 20.5 mm ² /s |
| Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane | |
| Viscosity, kinematic | 0.7 mm ² /s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm ² /s)' |

SECTION 12: Ecological information

According to the National Code of Practice for the Preparation of Material Safety Data Sheets, Environmental classification information is not mandatory. Information relevant for GHS classification is available on request

12.1. Ecotoxicity

| | |
|---|---|
| Ecology - general | : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. |
| Hazardous to the aquatic environment, short-term (acute) | : Not classified |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified |

| Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane | |
|---|--|
| LOEC (chronic) | 0.32 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |
| NOEC (chronic) | 0.17 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |
| Petroleum gases, liquefied (Contains < 0.1% 1,3-butadiene) (68476-85-7) | |
| LC50 - Fish [1] | 0.362 mg/l |
| EC50 - Crustacea [1] | 0.018 mg/l |
| ErC50 algae | 7.6 mg/l Source: ECOTOX |
| Partition coefficient n-octanol/water (Log Pow) | ≤ 2.8 Source: IUCLID |

12.2. Persistence and degradability

| (Aerosol) Lubrice | |
|---|------------------------|
| Persistence and degradability | Not rapidly degradable |
| Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane | |
| Persistence and degradability | Not rapidly degradable |
| Petroleum gases, liquefied (Contains < 0.1% 1,3-butadiene) (68476-85-7) | |
| Persistence and degradability | Not rapidly degradable |

12.3. Bioaccumulative potential

| Petroleum gases, liquefied (Contains < 0.1% 1,3-butadiene) (68476-85-7) | |
|---|----------------------|
| Partition coefficient n-octanol/water (Log Pow) | ≤ 2.8 Source: IUCLID |

12.4. Mobility in soil

| Petroleum gases, liquefied (Contains < 0.1% 1,3-butadiene) (68476-85-7) | |
|---|----------------------|
| Partition coefficient n-octanol/water (Log Pow) | ≤ 2.8 Source: IUCLID |

12.5. Other adverse effects

| | |
|-----------------------|---------------------------------------|
| Ozone | : Not classified |
| Other adverse effects | : No additional information available |

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| (Aerosol) Lubrice | |
|---|-------|
| Fluorinated greenhouse gases | False |
| Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane | |
| Fluorinated greenhouse gases | False |
| Petroleum gases, liquefied (Contains < 0.1% 1,3-butadiene) (68476-85-7) | |
| Fluorinated greenhouse gases | False |

SECTION 13: Disposal considerations

| | |
|--|---|
| Regional waste regulation | : Disposal must be done according to official regulations. |
| Waste treatment methods | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |
| Sewage disposal recommendations | : Disposal must be done according to official regulations. |
| Product/Packaging disposal recommendations | : Disposal must be done according to official regulations. |
| Additional information | : Do not re-use empty containers. |

SECTION 14: Transport information

In accordance with ADG / IMDG / IATA

| ADG | IMDG | IATA |
|---|---|---|
| 14.1. UN number | | |
| 1950 | 1950 | 1950 |
| 14.2. UN Proper Shipping Name | | |
| AEROSOLS | AEROSOLS | Aerosols, flammable |
| Transport document description | | |
| Not applicable | UN 1950 AEROSOLS, 2.1 | UN 1950 Aerosols, flammable, 2.1 |
| 14.3. Transport hazard class(es) | | |
| 2.1 | 2.1 | 2.1 |
|  |  |  |
| 14.4. Packing group | | |
| Not applicable | Not applicable | Not applicable |
| 14.5. Environmental hazards | | |
| Dangerous for the environment: No | Dangerous for the environment: No Marine pollutant: No | Dangerous for the environment: No |

14.6. Special precautions for user

| | |
|------------------------------|---------------------|
| Specific storage requirement | : No data available |
| Shock sensitivity | : No data available |

14.7. Additional information

| | |
|-------------------|--|
| Other information | : No supplementary information available |
|-------------------|--|

Transport by road and rail

| | |
|---------------------------|-------------------------------|
| UN-No. (ADG) | : 1950 |
| Special provision (ADG) | : 63, 190, 277, 327, 344, 381 |
| Limited quantities (ADG) | : 1I |
| Excepted quantities (ADG) | : E0 |

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Packing instructions (ADG) : P207, LP200
Special packing provisions (ADG) : PP87, L2

Transport by sea

UN-No. (IMDG) : 1950
Special provisions (IMDG) : 63, 190, 277, 327, 344, 381, 959
Limited quantities (IMDG) : SP277
Excepted quantities (IMDG) : E0
Packing instructions (IMDG) : P207, LP200
Special packing provisions (IMDG) : PP87, L2
EmS-No. (Fire) : F-D - FIRE SCHEDULE Delta - FLAMMABLE GASES
EmS-No. (Spillage) : S-U - SPILLAGE SCHEDULE Uniform - GASES (FLAMMABLE, TOXIC OR CORROSIVE)
Stowage category (IMDG) : None
Stowage and handling (IMDG) : SW1, SW22
Segregation (IMDG) : SG69

Air transport

UN-No. (IATA) : 1950
PCA Excepted quantities (IATA) : E0
PCA Limited quantities (IATA) : Y203
PCA limited quantity max net quantity (IATA) : 30kgG
PCA packing instructions (IATA) : 203
PCA max net quantity (IATA) : 75kg
CAO packing instructions (IATA) : 203
CAO max net quantity (IATA) : 150kg
Special provisions (IATA) : A145, A167, A802
ERG code (IATA) : 10L

14.8. Hazchem or Emergency Action Code

Hazchem Code : Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations specific for the product in question

No additional information available

15.2. International agreements

No additional information available

SECTION 16: Other information

| Classification | |
|--------------------|-----------|
| Aerosol 1 | H222;H229 |
| Press. Gas (Comp.) | H280 |
| Skin Irrit. 2 | H315 |
| STOT SE 3 | H336 |

| Full text of H-statements | |
|---------------------------|---|
| Aerosol 1 | Aerosol, Category 1 |
| Aquatic Chronic 2 | Hazardous to the aquatic environment – Chronic Hazard, Category 2 |
| Asp. Tox. 1 | Aspiration hazard, Category 1 |
| Flam. Gas 1A | Flammable gases, Category 1A |
| Flam. Liq. 1 | Flammable liquids, Category 1 |

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according to the Work Health and Safety (WHS) Regulations

| Full text of H-statements | |
|---------------------------|--|
| Flam. Liq. 2 | Flammable liquids, Category 2 |
| Press. Gas (Comp.) | Gases under pressure : Compressed gas |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| STOT SE 3 | Specific target organ toxicity – Single exposure, Category 3, Narcosis |
| H220 | Extremely flammable gas |
| H224 | Extremely flammable liquid and vapour |
| H225 | Highly flammable liquid and vapour |
| H280 | Contains gas under pressure; may explode if heated |
| H304 | May be fatal if swallowed and enters airways |
| H315 | Causes skin irritation |
| H336 | May cause drowsiness or dizziness |
| H411 | Toxic to aquatic life with long lasting effects |

Safety Data Sheet (SDS), Australia

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.