

SAFETY DATA SHEET

AC DELCO SPRAY GREASE

Infosafe No.: LQ2EK
 Issued Date: 09/11/2016
 Issued by: AC DELCO

1. IDENTIFICATION

GHS Product Identifier
 AC DELCO SPRAY GREASE

Company Name
 AC DELCO

Address
 191 Salmon Street Port Melbourne Melbourne
 Vic 3207 Australia

Emergency phone number
 1800 638 556 (24hrs)

Recommended use of the chemical and restrictions on use
 Lubricating liquid.

Other Names

Name	Product Code
Spray Grease, 300 grams aerosol	M39760

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture
 Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia
 Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Flammable Aerosol: Category 1

Signal Word (s)
 DANGER

Hazard Statement (s)
 H222 Extremely flammable aerosol.

Pictogram (s)
 Flame



Precautionary statement – Prevention

P210 Keep away from heat/sparks/open flames/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.

Precautionary statement – Storage

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Information on Composition

The product contains less than 0.1 % w/w 1,3-butadiene.

Ingredients

Name	CAS	Proportion
Petroleum gases, liquefied, sweetened	68476- 86- 8	30- 60 %
Solvent naphtha, petroleum, light aromatic	64742- 95- 6	30- 60 %
Ingredients determined not to be hazardous		Balance

4. FIRST-AID MEASURES

Inhalation

If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention.

Ingestion

Unlikely due to form of product. However, if ingested, do not induce vomiting. Wash out mouth thoroughly with water. If symptoms develop seek medical attention.

Skin

Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.

Eye contact

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop, seek medical attention.

First Aid Facilities

Eyewash and normal washroom facilities.

Advice to Doctor

Treat symptomatically.

Other Information

For advice in an emergency, contact a Poisons Information Centre (Phone Australia 131 126) or a doctor at once.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use foam, dry chemical or carbon dioxide.

Unsuitable Extinguishing Media

Do not use water.

Hazards from Combustion Products

Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including oxides of nitrogen, carbon monoxide and carbon dioxide.

Specific Hazards Arising From The Chemical

Contents under pressure - cans can explode in a fire. This product is extremely flammable. Keep containers and fire-exposed surfaces cool with water spray. Shut off any leak if safe to do so and remove sources of re-ignition. Vapour/air mixtures may ignite explosively. Flashback along the vapour trail may occur. Runoff to sewer may create fire or explosion hazard.

Decomposition Temperature

Not available

Precautions in connection with Fire

Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. In case of fire the product may be violently or explosively reactive. Use water spray to disperse vapours. This product should be prevented from entering drains and watercourses.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures

Extinguish or remove all sources of ignition and stop leak if safe to do so. Wear appropriate personal protective equipment and clothing to prevent exposure. Evacuate all unprotected personnel. Water spray or fog may be used to disperse/absorb vapour if any. Place inert, Non combustible absorbent material onto spillage. If safe, damaged cans should be placed in a container outdoors, away from ignition sources, until pressure has dissipated. Undamaged cans should be gathered and stowed safely. Collect residues and seal in labelled drums for disposal. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations. Dispose of waste according to applicable local and national regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling

EXTREMELY FLAMMABLE. VAPOUR OR GAS REDUCES OXYGEN FOR BREATHING. IN CONFINED SPACES MAY CAUSE ASPHYXIATION. Wear appropriate personal protective equipment and clothing to prevent exposure. Handle and use the material in a well-ventilated area, away from sparks, flames and other ignition sources. DO NOT store or use in confined spaces. Have emergency equipment (for fires, spills, leaks, etc.) readily available. Build up of mists or vapours in the atmosphere must be prevented. Do NOT cut or heat containers as they may contain hazardous residues. Do not smoke. Flameproof equipment is necessary in areas where the product is being used. Take precautionary measures against static discharges. Earth or bond all equipment. Do not empty into drains. Ensure a high level of personal hygiene is maintained when using this product, that is, always wash hands before eating, drinking, smoking or using the toilet facilities.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well ventilated area away from sources of ignition, oxidising agents, foodstuffs, clothing and out of direct sunlight. Do not expose can to temperatures exceeding 50°C. Protect containers against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Do NOT pressurise, cut or heat aerosol containers. Content is under pressure and can explode violently. Ensure that storage conditions comply with applicable local and national regulations. For information on the design of the storeroom, reference should be made to Australian Standard AS 2278.1—2008 Non-refillable metal aerosol dispensers of capacity 50 mL to 1000 mL inclusive.

Storage Temperatures

<=50°C

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

No exposure standards have been established for this material. However, the available exposure limits for ingredients are listed below:

Oil mist, refined mineral

TWA: 5 mg/m³

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

Biological Limit Values

No biological limits allocated.

Appropriate Engineering Controls

This substance is hazardous and should be used with a local exhaust ventilation system, drawing vapours away from workers' breathing zone. A flame-proof exhaust ventilation system is required. If the engineering controls are not sufficient to maintain concentrations of vapours/mists below the exposure standards, suitable respiratory protection must be worn. Refer to relevant regulations for further information concerning ventilation requirements.

Respiratory Protection

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable organic vapour/mist filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

Eye Protection

Safety glasses with side shields, chemical goggles or full-face shield as appropriate should be used. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform to relevant regulations. Eye protection devices should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

Hand Protection

Wear gloves of impervious material such as rubber. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

Body Protection

Suitable protective work wear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form

Aerosol

Appearance

Liquid aerosol

Odour

Hydrocarbon solvent odour

Decomposition Temperature

Not available

Melting Point

Not available

Boiling Point

-0.5 to -43.2°C (propellant)

Solubility in Water

Not available

Specific Gravity

0.876 (20°C)

pH

Not available

Vapour Pressure

300-1400 kPa (propellant) (40°C)

Vapour Density (Air=1)

>1

Evaporation Rate

Not available

Odour Threshold

Not available

Viscosity

Not available

Partition Coefficient: n-octanol/water

Not available

Flash Point

-104 to -60°C (propellant)

Flammability

Extremely flammable aerosol

Auto-Ignition Temperature

287°C (propellant)

Flammable Limits - Lower

1.5%

Flammable Limits - Upper

9.6%

Other Information
(Typical values only - consult specification sheet)

10. STABILITY AND REACTIVITY

Chemical Stability

Stable under normal conditions of storage and handling.

Reactivity and Stability

Reacts with incompatible materials

Conditions to Avoid

Heat, direct sunlight, flames and other sources of ignition.

Incompatible materials

Strong oxidising agents.

Hazardous Decomposition Products

Thermal decomposition may result in the release of toxic and/or irritating fumes, smoke and gases including: Oxides of nitrogen, carbon dioxide and carbon monoxide.

Possibility of hazardous reactions

Not available

11. TOXICOLOGICAL INFORMATION

Toxicology Information

No toxicity data available for this material.

Ingestion

Unlikely due to form of product. If ingestion occurs, may cause lung damage if swallowed. Subsequent to ingestion or vomiting, small amounts of liquid aspirated into the respiratory system may cause severe pulmonary injury that may lead to death. May also cause irritation to the gastrointestinal system. Symptoms may include nausea, vomiting, diarrhoea and abdominal pain.

Inhalation

Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.

Skin

May be irritating to skin. The symptoms may include redness and itching.

Eye

May be irritating to eyes. The symptoms may include redness, itching and tearing.

Respiratory sensitisation

Not expected to be a respiratory sensitiser.

Skin Sensitisation

Not expected to be a skin sensitiser.

Germ cell mutagenicity

Not considered to be a mutagenic hazard.

Carcinogenicity

Not considered to be a carcinogenic hazard.

Reproductive Toxicity

Not considered to be toxic to reproduction.

STOT-single exposure

Not expected to cause toxicity to a specific target organ.

STOT-repeated exposure

Not expected to cause toxicity to a specific target organ.

Aspiration Hazard

Not expected to be an aspiration hazard.

12. ECOLOGICAL INFORMATION

Ecotoxicity

No ecological data available for this material.

Persistence and degradability

Not available

Mobility

Not available

Bioaccumulative Potential

Not available

Other Adverse Effects

Not available

Environmental Protection

Do not discharge this material into waterways, drains and sewers.

13. DISPOSAL CONSIDERATIONS

Disposal considerations

Dispose of waste according to applicable local and national regulations. Do not pierce, burn, cut, puncture or weld on or near containers. Empty containers may contain hazardous residues. Empty the container completely before disposal. Contaminated containers must not be treated as household waste. Advise flammable nature.

14. TRANSPORT INFORMATION

Transport Information

Road and Rail Transport (ADG Code):

This material is classified as Dangerous Goods Division 2.1 - Flammable Gases

Must not be loaded in the same freight container or on the same vehicle with:

- Class 1, Explosives
- Class 3, Flammable liquids
- Division 4.2, Spontaneously combustible substances
- Division 4.3, Dangerous when wet substances
- Division 5.1, Oxidising substances
- Division 5.2, Organic peroxides
- Class 7, Radioactive materials unless specifically exempted.

Must not be loaded in the same freight container; and on the same vehicle must be separated horizontally by at least 3 metres unless all but one are packed in separate freight containers with:

- Division 4.1 Flammable solids

Marine Transport (IMO/IMDG):

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Class/Division: 2.1

UN No: 1950

Proper Shipping Name: AEROSOLS

EMS: F-D,S-U

Special Provisions: 63, 190, 277, 327, 344, 959

Air Transport (ICAO/IATA):

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

Class/Division: 2.1

UN No: 1950

Proper Shipping Name: Aerosols , flammable

Packaging Instructions (passenger & cargo): 203

Packaging Instructions (cargo only): 203

Hazard Label: Flammable Gas

Special Provisions: A145, A167, A802

U.N. Number

1950

UN proper shipping name
AEROSOLS
Transport hazard class(es)
2.1
Special Precautions for User
Not available
IERG Number
49
IMDG Marine pollutant
No
Transport in Bulk
Not available

15. REGULATORY INFORMATION

Regulatory information

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Poisons Schedule
Not Scheduled

16. OTHER INFORMATION

Date of preparation or last revision of SDS

SDS reviewed: November 2016

SDS superseded: April 2013

References

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.

Standard for the Uniform Scheduling of Medicines and Poisons.

Australian Code for the Transport of Dangerous Goods by Road & Rail.

Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

Workplace exposure standards for airborne contaminants.

Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH).

Globally Harmonised System of classification and labelling of chemicals.

User Codes

User Title Label	User Codes
Approval Number	9790
Part Number	19014428
Part Number	19104428
Part Number	M39760

END OF SDS

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