

Material Safety Data Sheet

ACDELCO SPRAY GREASE

Infosafe™ C406F
No.

Issue Date March 2008

Status ISSUED by
HONEYHOL

BS:
1.9.46

Classified as hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name ACDELCO SPRAY GREASE
Product Code M39760
Company Name HONEYWELL - HOLTS
Address 14 Alfred Street Chipping Norton
NSW 2170
Emergency Tel. 0419 698 412
Telephone/Fax Number Tel: 61 2 9722 0226
Fax: 61 2 9722 0255
Recommended Use Aerosol Lithium Based Spray Grease
Other Names Not Available

2. HAZARDS IDENTIFICATION

Hazard Classification HAZARDOUS SUBSTANCE.
DANGEROUS GOODS.

Hazard classification according to the criteria of NOHSC.
Dangerous goods classification according to the Australia
Dangerous Goods Code.

Risk Phrase(s) R12 Extremely Flammable.
R36 Irritating to eyes.
R66 Repeated exposure may cause skin dryness and cracking.
R67 Vapours may cause drowsiness and dizziness

Safety Phrase(s) S9 Keep container in a well ventilated place.
S16 Keep away from sources of ignition - No smoking.
S23 Do not breathe gas/fumes/vapour/spray
S26 In case of contact with eyes, rinse immediately with
plenty of water and seek medical advice.
S33 Take precautionary measures against static discharges.

S35 This material and its container must be disposed of in a safe way.

S36 Wear suitable protective clothing.

S51 Use only in well ventilated areas.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Heptane	142-82-5	10-50 %
	Lithium grease	Not listed	10-60 %
	Fragrance	Not listed	0-10 %
	Propellant	74986/106978	To 100%
	Hydrocarbon C3/C4		

4. FIRST AID MEASURES

Inhalation	If inhaled, remove from contaminated area. Apply artificial respiration if not breathing. Seek medical attention.
Ingestion	Unlikely to occur due to physical state of the product. However, if ingested, rinse mouth with water. Do NOT induce vomiting. Seek medical attention.
Skin	Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. Seek medical attention.
Eye	If contact with the eye(s) occur, wash with copious amounts of water, holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. In all cases of eye contamination it is a sensible precaution to seek medical advice.
First Aid Facilities	Eye wash and normal washroom facilities.
Advice to Doctor	Treat symptomatically.
Other Information	For advice, contact a Poisons Information Centre (Phone eg Australia 131 126; New Zealand 0800 764 766) or a doctor (at once).

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Use carbon dioxide, dry chemical or foam.
Hazards from	Under fire conditions this product may emit toxic and/or

Combustion Products	irritating fumes including carbon monoxide and carbon dioxide.
Specific Hazards	This product is extremely flammable. Vapours are heavier than air and will 'travel' to low-level areas e.g. sumps, drains, etc. and flashback. Keep storage tanks, pipelines, fire-exposed surfaces etc cool with water spray. Remove sources of re-ignition. Aerosol containers may explode and may become a projectile in a fire.
Precautions in connection with Fire	Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures	<p>Emergency Procedures</p> <p>Increase ventilation. For liquid spill: Wear appropriate personal protective equipment and clothing to minimize exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Evacuate all unnecessary personnel. If possible contain the spill. Place inert non-combustible absorbent material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers. Dispose of waste according to federal, Environmental Protection Authority and state regulations. If this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.</p>
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7. HANDLING AND STORAGE

Precautions for Safe Handling	<p>Use only in a well ventilated area. DO NOT store or use in confined spaces. Prevent concentration in hollows and sumps. Do not enter areas where product vapours or mists may exist without respiratory protection or until the atmosphere has been checked. Build up of mists or vapours in the atmosphere must be prevented. Vapours may spread along floors and form explosive mixtures with air. Avoid inhalation of vapour and mists. Do not use near welding or other ignition sources and avoid sparks. Do not smoke. Do not puncture cans. Do not incinerate empty cans. Exposure without protection should be prevented in order to lessen the possibility of disorders. It is essential that all who come into contact with this material maintain high standards of personal hygiene ie. washing hands prior to eating, drinking, smoking or using toilet facilities</p>
Conditions for Safe Storage	<p>Store in a cool (<49°C), dry, well ventilated area away from sources of ignition, oxidising agents, foodstuffs, clothing and out of direct sunlight. Protect container 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.</p>

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	1000 ppm for propellant
Engineering Controls	Provide sufficient ventilation to keep airborne levels below the exposure limit. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a flameproof exhaust ventilation system is required.
Respiratory Protection	If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable 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 or goggles as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.
Hand Protection	Wear gloves of impervious material such as neoprene gloves. 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 clothing should be worn e.g. cotton overalls buttoned at neck and wrist. When large quantities are handled the use of chemical resistant apron and safety boots is recommended. It is advisable that a local supplier of personal protective clothing is consulted regarding the choice of material.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	A blend of lithium based grease and solvents in an aerosol format forming a thick brown liquid that sets semi-solid on contact.
Melting Point	Not applicable
Boiling Point	Not applicable
Solubility in Water	Immiscible

Specific Gravity	Liquid concentrate without propellant 0.76 g/mL @ 25°C
Vapour Pressure	Internal pressure of aerosol can is 300 kPa @ 25°C
Flash Point	Not applicable - contents in sealed container
Flammable Limits - Lower	2%
Flammable Limits - Upper	9.5%

10. STABILITY AND REACTIVITY

Chemical Stability	Stable
Conditions to Avoid	Excessive heat and open flame. Avoid applying to hot surfaces
Hazardous Decomposition Products	Burning may produce carbon monoxide
Hazardous Reactions	None Known

11. TOXICOLOGICAL INFORMATION

Toxicology Information	No toxicity data is available for this product.
Inhalation	May cause irritation to the mucous membrane and upper airways, especially where vapours or mists are generated. Symptoms include sneezing, coughing, wheezing, shortness of breath, headache, dizziness, nausea and vomiting.
Ingestion	Unlikely to occur due to physical state of the product. However, if ingested, may irritate the gastric tract causing nausea and vomiting.
Skin	May cause redness, itching and irritation.
Eye	Irritating to eyes. On eye contact this product will cause tearing, stinging, blurred vision, and redness.
Chronic Effects	Prolonged or continuous use may cause defatting of skin with subsequent cracking and dermatitis

12. ECOLOGICAL INFORMATION

Ecotoxicity No data available for this specific product.

**Persistence /
Degradability** No data available for this specific product.

Mobility No data available for this specific product.

13. DISPOSAL CONSIDERATIONS

**Disposal
Considerations** Dispose of waste according to federal, EPA and state regulations. Labels should not be removed from containers until they have been cleaned. Do not cut, puncture or weld on or near containers. Empty containers may contain hazardous residues. Contaminated containers must not be treated as household waste. Containers should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate. Do not incinerate closed containers. Advise flammable nature.

14. TRANSPORT INFORMATION

**Transport
Information** This material is classified as a Class 2.1 (Flammable Gas) Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road or Rail. Dangerous goods of Class 2.1 (Flammable Gas) are incompatible in a placard load with any of the following:
Class 1, Explosive
Class 3, Flammable Liquid, if both the Class 2.1 and Class 3 dangerous goods are in bulk
Class 4.1, Flammable Solid
Class 4.2, Spontaneously Combustible Substance
Class 4.3, Dangerous When Wet Substance
Class 5.1, Oxidising Agent
Class 5.2, Organic Peroxide
Class 7, Radioactive Substance

U.N. Number 1950

**Proper
Shipping Name** AEROSOLS

DG Class 2.1

**Packaging
Method**

EPG Number 2D1

IERG Number 49

15. REGULATORY INFORMATION

**Poisons
Schedule** Not Scheduled

Hazard Category Irritant,Extremely Flammable

AICS (Australia) Not applicable

16. OTHER INFORMATION

User Codes	<u>User Title Label</u>	<u>User Code</u>
	Approval Number	9790
	Part Number	M39760

User Information THE PRINTED FORM OF THIS MSDS IS CONSIDERED AN 'UNCONTROLLED' DOCUMENT ONE WEEK FROM THE PRINT DATE.

Other Information MSDS ID: M39760 GM Spray Grease
Information Telephone No.: 61 2 9722 0226
1800 021 106

Revision No.: 3

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