

SAFETY DATA SHEET

AC-51 Brake Cleaner

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1. IDENTIFICATION

GHS Product Identifier

AC-51 Brake Cleaner

Product Code

AC51

Company Name

AUSTECH CHEMICALS PTY LTD (ABN 84 124 370 761)

Address45 Magnesium Street Narangba
QLD 4504 Australia**Telephone/Fax Number**

Tel: 07 3204 8511

Fax: 07 3204 8522

Emergency phone number

07 3204 8511

E-mail Address

nicholas@auschem.com

Recommended use of the chemical and restrictions on use

Brake cleaner.

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)

Eye Damage/Irritation: Category 2A

Flammable Aerosol: Category 2

STOT Single Exposure: Category 3 (respiratory tract irritation)

Signal Word (s)

WARNING

Hazard Statement (s)

Risk of explosion if heated under confinement.

Flammable aerosol.

Causes serious eye irritation.

May cause respiratory irritation.

Pictogram (s)

Flame, Exclamation mark

**Precautionary statement – Prevention**

Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

Do not spray on an open flame or other ignition source.

Pressurized container: Do not pierce or burn, even after use.
 Avoid breathing dust/fume/gas/mist/vapours/spray.
 Wash contaminated skin thoroughly after handling
 Use only outdoors or in a well-ventilated area.
 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – Response

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 Call a POISON CENTER or doctor/physician if you feel unwell.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 If eye irritation persists: Get medical advice/attention.

Precautionary statement – Storage

Store in a well-ventilated place. Keep container tightly closed.
 Store locked up.
 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Precautionary statement – Disposal

Dispose of contents/container to an approved waste facility

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Solvent 120		> 70- <80 %
Liquified Petroleum Gas (LPG)	68476- 85- 7	> 20- <30 %
Carbon Dioxide	124- 38- 9	> 0. 5- <5 %

4. FIRST-AID MEASURES

Inhalation

Remove the source of contamination or move the victim to fresh air. Ensure airways are clear and have qualified person give oxygen through a face mask if breathing is difficult. If victim has stopped breathing begin artificial respiration, or if heart has stopped, cardiopulmonary resuscitation. Seek immediate medical attention.

Ingestion

Give water or milk to drink. DO NOT induce vomiting.
 Seek immediate medical assistance.
 Never give anything by mouth to an unconscious person.

Skin

Wash affected areas with copious quantities of water.
 Remove contaminated clothing and wash before re-use.
 Seek immediate medical advice.

Eye contact

Irrigate with copious quantity of water for 15 minutes. Seek medical assistance if symptoms persist.

Advice to Doctor

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use CO₂, dry chemical or foam.
 Use water jet to keep containers cool.

Unsuitable Extinguishing Media

Water may be an ineffective extinguishing medium.

Hazards from Combustion Products

Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide and carbon dioxide.

Special Protective Equipment for fire fighters

Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA).

Hazchem Code

2YE

Other Information

Flash point >-22C

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal

Shut off all possible sources of ignition.

Increase ventilation.

Evacuate unprotected personnel from danger area.

Avoid breathing dust or vapours and contact with skin and eyes.

Contain using sand and earth - prevent runoff into drains and waterways.

Use spark free implements.

Collect and seal in properly labelled drums for disposal.

Environmental Precautions

Prevent from entering drains, waterways or sewers.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Avoid prolonged or repeated contact with skin, eyes and clothing .

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

Conditions for safe storage, including any incompatibilities

Store in cool place and out of direct sunlight.

Store in well ventilated area.

Store away from oxidizing agents.

Do not store this material in open or unlabelled containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

If oil mists are generated, observe the OSHA exposure limit of 5 mg/m3.

Appropriate Engineering Controls

Maintain concentration below recommended exposure limit.

Local exhaust ventilation system may be required.

Use in a well ventilated area only.

Respiratory Protection

If ventilation is insufficient use a type AX Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)

Eye Protection

Safety glasses, goggles or faceshield as appropriate.

Hand Protection

Chemically resistant gloves.

Body Protection

Overalls or similar protective apparel.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form

Pressurised Liquid

Appearance

Transparent

Odour

Sharp

Boiling Point

>60C

Solubility in Water

Partly soluble

Specific Gravity

0.678-0.730

Auto-Ignition Temperature

230C

Flammable Limits - Lower

1.2%

Flammable Limits - Upper

6.3%

10. STABILITY AND REACTIVITY

Chemical Stability

Stable under normal conditions.

Volatile at room temperature.

Conditions to Avoid

Heat, direct sunlight, open flames or other sources of ignition.

Incompatible materials

Strong oxidising agents.

(peroxides, chlorine, strong acids)

Hazardous Decomposition Products

Carbon dioxide, carbon monoxide

Hazardous Polymerization

Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information

Vapors irritating to eyes and respiratory tract. Vapors may cause flash fire or explosion.

Ingestion

This material may be harmful or fatal if swallowed. May cause severe and permanent damage to mouth, throat and stomach.

Inhalation

Headaches, dizziness, nausea, decreased blood pressure, changes in heart rate and cyanosis may result from over-exposure to vapor or skin exposure. Prolonged inhalation may be harmful.

Skin

Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

Eye

Liquid, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.

Mutagenicity

No data available for this product as a whole.

Carcinogenicity

Not listed by ACGIH, IARC, NIOSH, NTP or OSHA.

Reproductive Toxicity

No data available for this product as a whole.

Chronic Effects

Overexposure may cause nervous system damage, lung damage and kidney damage.

12. ECOLOGICAL INFORMATION

Ecological information

No information is available on ecotoxicity of this product. Keep product out of sewers and waterways.

13. DISPOSAL CONSIDERATIONS

Disposal considerations

Dispose of waste according to federal, EPA, state and local regulations.

14. TRANSPORT INFORMATION

U.N. Number

1950

UN proper shipping name

AEROSOLS

Transport hazard class(es)

2.1

Hazchem Code

2YE

IERG Number

49

15. REGULATORY INFORMATION

Poisons Schedule

S6

16. OTHER INFORMATION

Other Information

Issue 4

Reason for Revision: GHS Update

DO NOT MIX WITH OTHER CHEMICALS WITHOUT PRIOR CONSULTATION WITH THE MANUFACTURER.

Always use product as directed. Never return any unused material to original drum.

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writers knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.

END OF SDS

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