

# SAFETY DATA SHEET

## AC-27 Brake Cleaner

Infosafe No.: 5GEFE

Issued Date: 01/07/2021

Issued by: Australian Chemical Services

### 1. IDENTIFICATION

**GHS Product Identifier**

AC-27 Brake Cleaner

**Product Code**

AC-27

**Company Name**

AUSTECH CHEMICALS PTY LTD (ABN 84 124 370 761)

**Address**45 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)

Acute Toxicity - Oral: Category 4

Aspiration Hazard: Category 1

Flammable Liquids: Category 3

Skin Corrosion/Irritation: Category 2

**Signal Word (s)**

DANGER

**Hazard Statement (s)**

Flammable liquid and vapour.

Harmful if swallowed.

May be fatal if swallowed and enters airways.

Causes skin irritation.

**Pictogram (s)**

Flame, Exclamation mark, Health hazard

**Precautionary statement – Prevention**

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

Keep container tightly closed.  
 Ground/bond container and receiving equipment.  
 Use explosion-proof electrical/ventilating/lighting//equipment.  
 Use only non-sparking tools.  
 Take precautionary measures against static discharge.  
 Wash contaminated skin thoroughly after handling  
 Do not eat, drink or smoke when using this product.  
 Wear protective gloves/protective clothing/eye protection/face protection.

#### Precautionary statement – Response

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

Rinse mouth.

Do NOT induce vomiting.

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

IF ON SKIN: Wash with plenty of soap and water.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing and wash before reuse.

In case of fire: Use CO2, dry chemical or foam for extinction.

#### Precautionary statement – Storage

Store in a well-ventilated place. Keep cool.

Store locked up.

#### Precautionary statement – Disposal

Dispose of contents/container to an approved waste facility

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Ingredients

Name	CAS	Proportion
Solvent Naptha	64742- 89- 8	0- 10 %
Isohexane	107- 83- 5	30- 60 %
Other ingredients classified as non hazardous at the concentrations used according to the criteria of Safework Australia		-

### 4. FIRST-AID MEASURES

#### First Aid Measures

For advice, contact a Poisons Information Centre (Phone eg. Australia 131 126; New Zealand 0 800 764 766) or a doctor.

#### 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

Seek immediate medical assistance.

DO NOT INDUCE VOMITING. Wash out mouth with water and give plenty of water to drink. Seek immediate medical attention.

Never give anything by mouth to an unconscious person.

#### Skin

Remove contaminated clothing and wash before re-use.

Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop seek medical attention.

#### Eye contact

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

#### Advice to Doctor

Treat syptomatically.

### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Use CO<sub>2</sub>, dry chemical or foam.

Use water jet to keep containers cool.

**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**

.3YE

**Other Information**

Flash point <0C

## 6. ACCIDENTAL RELEASE MEASURES

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**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

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**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

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**Occupational exposure limit values**

If oil mists are generated, observe the OSHA exposure limit of 5 mg/m<sup>3</sup>.

**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

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**Appearance**

Clear, colourless liquid

**Odour**

Hydrocarbon Solvent

**Boiling Point**

68C

**Solubility in Water**

Slightly miscible

**Specific Gravity**

0.67-0.69

**pH**

No data

**Flammable Limits - Lower**

approx 2.0%

**Flammable Limits - Upper**

approx 10.5%

## 10. STABILITY AND REACTIVITY

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**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**

Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result. Strong acids, acid chlorides and acid anhydrides.

**Hazardous Decomposition Products**

Carbon dioxide, carbon monoxide

**Hazardous Polymerization**

Will not occur.

## 11. TOXICOLOGICAL INFORMATION

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**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 and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation.

**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

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**Ecological information**

Expected to be harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Keep product out of sewers and waterways.

## 13. DISPOSAL CONSIDERATIONS

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### Disposal considerations

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

## 14. TRANSPORT INFORMATION

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### U.N. Number

1993

### UN proper shipping name

FLAMMABLE LIQUID, N.O.S.contains isohexanes

### Transport hazard class(es)

3

### Packing Group

III

### Hazchem Code

.3YE

### IERG Number

14

## 15. REGULATORY INFORMATION

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### Poisons Schedule

S5

## 16. OTHER INFORMATION

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### Date of preparation or last revision of SDS

July 2021

### Other Information

Reason for revision: Regular Review

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.

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## END OF SDS

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