

SAFETY DATA SHEET

AC-1 (Coolant Type B)

Infosafe No.: 5GEEE

Issued Date: 01/11/2016

Issued by: Australian Chemical Services

1. IDENTIFICATION

GHS Product Identifier

AC-1 (Coolant Type B)

Product Code

AC-1

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

Engine coolant

Additional Information

Colours available: Green & Red

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

Not 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

Skin Corrosion/Irritation: Category 2

STOT Single Exposure: Category 3 (respiratory tract irritation)

Toxic to Reproduction: Category 2

Signal Word (s)

WARNING

Hazard Statement (s)

Causes skin irritation.

Causes serious eye irritation.

May cause respiratory irritation.

Suspected of damaging fertility or the unborn child.

Pictogram (s)

Exclamation mark, Health hazard

**Precautionary statement – Prevention**

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

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.

Use personal protective equipment as required.

Precautionary statement – Response

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

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF exposed or concerned: Get medical advice/attention.

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

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Take off contaminated clothing and wash before reuse.

Precautionary statement – Storage

Store in a well-ventilated place. Keep container tightly closed.

Store locked up.

Precautionary statement – Disposal

Dispose of contents/container to an approved waste facility.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Sodium Ethylhexanoate	19766- 89- 3	10- 30 %
Ingredients determined to be non- hazardous at the formulation concentration		to 100%

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 victim from area of exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if symptoms persist.

Ingestion

Do NOT induce vomiting. Wash mouth out with water. Give water to drink. Seek medical advice.

Skin

If skin or hair contact occurs, remove any contaminated clothing and wash skin and hair thoroughly with running water. If irritation occurs seek medical assistance.

Eye contact

Hold eyelids open and irrigate continuously with water for 15 minutes. Seek medical advice.

Advice to Doctor

Treat symptomatically. Show this MSDS to the medical practitioner

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Non combustible. Use extinguishing media suitable to surrounding conditions.

Hazards from Combustion Products

Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches etc.

Decomposes on heating and may produce toxic fumes.

Specific Methods

Keep containers cool with water spray. Fire fighters to wear self contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures

Wear protective equipment to prevent skin and eye contact. Avoid breathing in vapours. Contain - prevent run off into drains and waterways. If contamination of sewers or waterways has occurred advise local emergency services.

Spills & Disposal

Collect and seal in properly labelled containers for disposal. Contain spills with inert absorbent material (eg. sand, earth). Transfer liquids and used absorbent material to separate suitable containers for recovery or disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Avoid skin and eye contact and breathing in vapour. Do not allow clothing wet with material to stay in contact with skin.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well ventilated place and out of direct sunlight. Store away from incompatible materials described in Section 10.

Keep containers closed when not in use - check regularly for leaks or build up of pressure.

Avoid reactions with oxidising agents & strong acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

No value assigned for this specific material by Safe Work Australia.

Appropriate Engineering Controls

Use in well ventilated areas. Keep containers closed when not in use.

Personal Protective Equipment

OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES.

Use with adequate ventilation. If inhalation risk exists wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated and other protective equipment before storage or reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Green or Red liquid

Odour

slight

Boiling Point

>100°C

Solubility in Water

miscible

Specific Gravity

1.05-1.08

pH

9.0 - 9.7

10. STABILITY AND REACTIVITY

Chemical Stability

Product considered stable under normal conditions of use. Refer to section 7 for incompatible materials

11. TOXICOLOGICAL INFORMATION

Ingestion

Swallowing can result in nausea, vomiting, diarrhoea and abdominal pain.

Inhalation

May cause respiratory tract irritation

Skin

Contact with skin can result in irritation.

Eye

May be an eye irritant.

Reproductive Toxicity

Possible risk of harm to the unborn child. No evidence of mutagenic properties.

Chronic Effects

Repeated or prolonged skin contact may cause dermatitis.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Not considered hazardous for the environment based on currently available information.

13. DISPOSAL CONSIDERATIONS

Disposal considerations

Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Empty containers must be decontaminated and destroyed. Normally suitable for incineration by an approved agent.

14. TRANSPORT INFORMATION

Transport Information

Store away from oxidizing agents.

Store in a cool, dry place.

Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

U.N. Number

None Allocated

UN proper shipping name

None Allocated

Transport hazard class(es)

None Allocated

15. REGULATORY INFORMATION

Poisons Schedule

Not Scheduled

Australia (AICS)

All ingredients are listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

Date of preparation or last revision of SDS

Sep 2014

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.
Workplace exposure standards, Safe Work Australia.
Hazardous Sunstances/Chemicals Information System, Safe Work Australia.
Globally Harmonised System of classification and labelling of chemicals.
Raw material suppliers' SDS

Other Information

Reason(s) for Issue: 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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