

SAFETY DATA SHEET

AC-42 Solvent Degreaser

Infosafe No.: 5GEFM
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Services

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name

AC-42 Solvent Degreaser

Product Code

AC42

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

Recommended Use

Solvent based degreaser.

2. HAZARD IDENTIFICATION

Hazard Classification

CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA
DANGEROUS ACCORDING TO THE CRITERIA OF THE ADG CODE

Risk Phrase(s)

R10 Flammable.

R65 Harmful: may cause lung damage if swallowed.

R67 Vapours may cause drowsiness and dizziness

R20/21 Harmful by inhalation and in contact with skin.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety Phrase(s)

S9 Keep container in a well ventilated place.

S1/2 Keep locked up and out of reach of children.

S16 Keep away from sources of ignition - No smoking.

S23 Do not breathe gas/fumes/vapour/spray

S29 Do not empty into drains.

S33 Take precautionary measures against static discharges.

S45 In case of accident or if you feel unwell seek medical advice immediately

S53 Avoid exposure - obtain special instructions before use.

S61 Avoid release to the environment. Refer to special instructions/safety data sheet.

S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

S24/25 Avoid contact with skin and eyes.

S36/37 Wear suitable protective clothing and gloves.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization

Liquid

Ingredients

Name	CAS	Proportion
Solvent Naptha	64742- 89- 8	> 90- <100 %
Ingredients determined not to be hazardous	Not required	to 100%

4. FIRST-AID MEASURES

Inhalation

Remove from exposure if safe to do so. If rapid recovery does not occur, transport to nearest medical facility for additional treatment. Remove contaminated clothing.

Ingestion

If swallowed, do NOT induce vomiting. Transport to nearest medical facility for additional treatment. If vomiting occurs spontaneously, lean patient forward or place patient on left side to maintain open airway and avoid aspiration.

Skin

If skin contact occurs, remove contaminated clothing and wash skin thoroughly with water.

Eye

If in eyes, hold eyes open, flood with water for at least 15 minutes. If redness, burning, blurred vision, or swelling persist seek urgent medical attention.

First Aid Facilities

Potable water should be available to rinse eyes or skin. Provide eye baths and safety showers.

Advice to Doctor

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Foam, dry chemical powder or carbon dioxide.

Use water spray/fog to cool containers.

Do not use water in a jet.

Hazards from Combustion Products

Carbon monoxide may be evolved during a fire. Will float and can be reignited on surface water. Vapour is heavier than air, can spread along ground and distant ignition is possible.

Special Protective Equipment for fire fighters

Wear full protective clothing and self-contained breathing apparatus.

Hazchem Code

3[Y]

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures

Observe all local and national regulations.

Spills & Disposal

Avoid contact with spilled or released material. Shut off leaks, if possible without personal risks. Remove all sources of ignition in the surrounding area. Use appropriate containment to avoid environmental contamination. Prevent from spreading and entering waterway using sand, earth or other appropriate barriers. Take precautionary measure against static discharge. Ensure electrical continuity by bonding and earthing all equipment.

Clean-up Methods - Small Spillages

Remove all ignition sources. For small spills (<1 drum), transfer by mechanical means to a labelled, sealable container for product recovery or safe disposal. Use an appropriate absorbent material to pick up residue and dispose of safely.

Clean-up Methods - Large Spillages

Clear all personnel and move upwind. Remove ignition sources. For larger spills (>1 drum), transfer by means such as a vacuum truck to a salvage tank for recovery or disposal. Do not flush residues with water. Retain as contaminated waste. Use an appropriate absorbent material to clean up residues and dispose of safely.

7. HANDLING AND STORAGE

Handling and storage

Avoid breathing of or contact with material. Use in well ventilated areas. Wash thoroughly after handling. Avoid contact with skin and eyes and clothing. Handle open containers in well ventilated area. Ensure that the workplace is ventilated such that the Occupational Exposure limit is not exceeded. Do not empty into drains. Do not eat, drink or smoke in contaminated areas. Before eating, drinking or smoking, remove contaminated clothing and wash hands. Do not store near strong oxidants.

DISPENSING

Electrostatic charges may be generated during transfer. Electrostatic discharge may cause fire. Ensure electrical continuity by earthing all equipment.

Flammability: Flammable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards

Worksafe Australia has set an exposure limit for this product. A TWA of 300 mg/m³ TWA (8hr) is recommended.

Engineering Controls

Ensure that adequate ventilation is provided. Maintain air concentrations below recommended exposure standards. Avoid generating and inhaling mists. Keep containers closed when not in use.

Respiratory Protection

If work practices do not maintain airborne level below the exposure standard, use appropriate respiratory protection equipment. When using respirators, select an appropriate combination of mask and filter and select a filter for organic gases and vapours (boiling point >65°C). Respirators should comply with AS1716 or an equivalent approved by a state/territory authority.

Eye Protection

Wear safety goggles.

Hand Protection

Use solvent resistant gloves. Nitrile for longer term protection or PVC and neoprene for incidental splashes.

Body Protection

Use chemical resistant gloves/gauntlets, boots and apron.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form

Liquid

Appearance

Green liquid.

Odour

Petrochemical odour.

Boiling Point

Typical 150°C-200°C

Solubility in Water

Slightly miscible with water.

Specific Gravity

0.78-0.85 (g/ml @ 15°C)

Volatile Component

>90%

Flash Point

< 60.5°C

Flammability

Flammable.

Explosion Limit - Upper

5.9%

Explosion Limit - Lower

1.1%

10. STABILITY AND REACTIVITY

Chemical Stability

Stable under normal conditions of use.

Conditions to Avoid

Avoid heat, sparks, open flames and other ignition sources.

Incompatible materials

Strong oxidising agents.

Hazardous Decomposition Products

Thermal decomposition is highly dependant on conditions. A complex mixture of airborne solids, liquids, gases, including carbon monoxide, carbon dioxide and other organic compounds will be evolved when this material undergoes combustion or thermal or oxidative degradation.

11. TOXICOLOGICAL INFORMATION

Inhalation

Inhalation of vapours or mists may cause irritation to the respiratory system. Inhalation of high concentrations may lead to headache, dizziness, nausea, vomiting or drowsiness.

Ingestion

Expected to be of low toxicity. Ingestion will irritate the gastric tract which may cause nausea and vomiting. Aspiration into lungs when swallowed or vomited may cause chemical pneumonitis.

Skin

Irritant. Prolonged contact may cause defatting of skin which can lead to dermatitis.

Eye

Irritant.

Chronic Effects

Prolonged or repeated skin contact may cause irritation leading to dermatitis. Prolonged inhalation of high vapour concentrations may cause drowsiness and lead to narcosis.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Expected to be toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Persistence / Degradability

No information available

Mobility

Slightly miscible with water.

13. DISPOSAL CONSIDERATIONS

Disposal considerations

Ensure waste disposal conforms to local waste disposal regulations.

14. TRANSPORT INFORMATION

U.N. Number

1268

Proper Shipping Name

PETROLEUM PRODUCTS, N.O.S.(Solvent Naptha (Light Aliphatic))

DG Class

3

Packing Group

III

Hazchem Code

3[Y]

Packaging Method

3.8.3

EPG Number

3A1

IERG Number

14

15. REGULATORY INFORMATION

Regulatory information

Classified as hazardous according to criteria of NOHSC

HAZARDOUS SUBSTANCE.

SCHEDULED POISON.

Classified as Hazardous according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC).

Classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Poisons Schedule

S5

Hazard Category

Harmful

Australia (AICS)

All ingredients are listed.

16. OTHER INFORMATION

Other Information

Version: 3

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 product.

END OF SDS

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