

SAFETY DATA SHEET

AC-42 Solvent Degreaser

Infosafe No.: 5GEFM

ISSUED Date : 22/04/2019

ISSUED by: Australian Chemical Services

1. IDENTIFICATION

GHS Product Identifier

AC-42 Solvent Degreaser

Product Code

AC-42

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

Solvent based degreaser.

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)

Aspiration Hazard: Category 1

Eye Damage/Irritation: Category 2A

Skin Corrosion/Irritation: Category 2

Flammable Liquids: Category 3

Acute Toxicity - Dermal: Category 4

Acute Toxicity - Oral: Category 4

STOT Single Exposure: Category 3 (narcotic)

Signal Word (s)

DANGER

Hazard Statement (s)

Flammable liquid and vapour.

May be fatal if swallowed and enters airways.

Causes serious eye irritation.

Causes skin irritation.

Harmful if swallowed.

Harmful in contact with skin.

May cause drowsiness or dizziness.

Pictogram (s)

Exclamation mark, Health hazard, Flame

**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/tools/equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Wear protective gloves/protective clothing/eye protection/face protection.

Avoid breathing dust/fume/gas/mist/vapours/spray.

Wash contaminated skin thoroughly after handling.

Do not eat, drink or smoke when using this product.

Use only outdoors or in a well-ventilated area.

Precautionary statement – Response

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

Rinse mouth.

Do NOT induce vomiting.

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

Wash contaminated clothing before reuse.

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

If skin irritation occurs: Get medical advice/attention.

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.

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

In case of fire: Use foam, dry chemical powder or carbon dioxide for extinction.

Precautionary statement – Storage

Store in a cool place.

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
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 contact

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

3Y

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

Occupational exposure limit values

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

Appropriate 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

< 60.0°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

Ingestion

Harmful. Ingestion will irritate the gastric tract which may cause nausea and vomiting. Aspiration into lungs when swallowed or vomited may cause chemical pneumonitis.

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.

Skin

Harmful. 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.

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 and 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

Transport Information

This material is a Class 3 - Flammable Liquid according to The Australian Code for the Transport of Dangerous Goods by Road and Rail. Class 3 - Flammable Liquids are incompatible in a placard load with any of the following:

- Class 1, Explosives
- Class 2.1, Flammable Gases, if both the Class 3 and Class 2.1 dangerous goods are in bulk
- Class 2.3, Toxic Gases
- Class 4.2, Spontaneously Combustible Substances
- Class 5.1, Oxidising Agents and Class 5.2, Organic Peroxides
- Class 6, Toxic Substances (where the flammable liquid is nitromethane)
- Class 7, Radioactive Substances.

U.N. Number

1268

UN proper shipping name

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

Transport hazard class(es)

3

Packing Group

III

Hazchem Code

3Y

IERG Number

14

15. REGULATORY INFORMATION

Poisons Schedule

S5

Australia (AICS)

All ingredients are listed.

16. OTHER INFORMATION

Other Information

Version: 6

Reason for revision: Updated GHS classification.

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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