



SECTION 1: Identification : Product identifier and chemical identity

1.1. Product identifier

Product name : PHOS-CHEK® LC95A - MV
Product code : AST10097

1.2. Recommended uses and restrictions

Recommended use : Fire retardant

1.3. Supplier information

PC Australasia Pty Ltd - Trading as Phos-Chek® Australia
46 Hudson Crescent, Lavington, NSW 2641, Australia
T 02 6040 6900
Emergency number : 0417 525 970

SECTION 2: Hazards identification

2.1. Classification of the hazardous chemical

Classification (GHS-AU)

Not classified

2.2. Label elements

Not classified

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

The components of this mixture are not classified as hazardous under the regulations and guidance relevant to this document.

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.
First-aid measures after skin contact : Wash skin with plenty of water.
First-aid measures after eye contact : Rinse eyes with water as a precaution.
First-aid measures after ingestion : Call a POISON CENTRE (Australia Telephone 13 11 26) or a doctor if you feel unwell.

4.2. Symptoms caused by exposure

No additional information available

4.3. Indication of any immediate medical attention and special treatment needed

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media : Not combustible. For surrounding area use water spray, dry powder or foam.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : If indoors, ventilate spillage area.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

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Restrict access to non-emergency personnel. Stop leak if safe to do so. Inform emergency services if substance has entered sewer, drains or waterways. Report major releases to the relevant emergency services.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	: Small release:	Introduce good ventilation. Wear suitable gloves and eye protection. Pump, vacuum or absorb on inert material and place the recovered material in a suitable waste disposal container. Seal the container and label it to ensure proper disposal. Wash spill area with plenty of water. Take steps to prevent rinse water from entering drains or waterways.
	: Large release:	Isolate spill area and restrict entry of unprotected personnel. Wearing full personal protection equipment use a wet collection. Place collected material into suitable sealable containers and label them to ensure proper disposal. Hose down residue with plenty of water. Take steps to prevent rinse water from entering drains or waterways.

SECTION 7: Handling and storage, including how the chemical may be safely used

7.1. Precautions for safe handling

Precautions for safe handling	: Handle in accordance with good industrial hygiene and safety practices. These include avoiding unnecessary exposure and removal of the material from eyes, skin and clothing.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Emptied container retains product residue. Observe all labeled safeguards until container is cleaned, reconditioned or destroyed. The reuse of this material's container for non-industrial purposes is prohibited and any reuse must be in consideration of the data provided in this SDS.
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SECTION 8: Exposure controls/personal protection

8.1. Control parameters - exposure standards

An Australian exposure standard for this mixture has not been set by SWA. The product is a water solution.

8.2. Monitoring

No additional information available

8.3. Appropriate engineering controls

Appropriate engineering controls	: Ensure good ventilation of the work station.
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8.4. Personal protective equipment

Personal protective equipment (PPE) listed below is for general guidance only. Appropriate PPE must be determined for each specific work environment. Final choice will depend on the quantity used, equipment used, substance processing and airborne concentrations. Suitability of PPE for this substance should be confirmed with the respective PPE supplier.

Hand protection	: Protective gloves are recommended. Wash hands and contaminated skin after handling.
Eye protection	: Safety glasses are recommended
Skin and body protection	: Wear suitable protective clothing
Respiratory protection	: In case of insufficient ventilation, wear suitable AS/NZ compliant respiratory equipment
Environmental exposure controls	: Avoid release to the environment.

SECTION 9: Physical and chemical properties

Physical state	: Liquid
Appearance	: No data available
Colour	: Pinkish
Odour	: None
Odour threshold	: No data available
pH (concentrate / [5.5:1 (water:concentrate) use solution])	: 5.0 - 6.5 / Neutral
Relative evaporation rate (butylacetate=1)	: No data available
Melting point / Freezing point	: Melting point : Not applicable
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative density	: No data available
Density (concentrate / [5.5:1 (water:concentrate) use solution])	: 1.47 kg/L / 1.077 kg/L
Solubility	: >95% in water

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Partition coefficient n-octanol/water	: No data available
Viscosity [5.5:1 (water:concentrate) use solution]	: Viscosity, dynamic : 401-800 cps
Explosive properties	: No data available
Explosive limits	: No data available
Minimum ignition energy	: No data available
Refractive Index [5.5:1 (water:concentrate) use solution]	: 12.75-14.5

SECTION 10: Stability and reactivity

Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: None under recommended storage and handling conditions (see section 7).
Incompatible materials	: None known.

SECTION 11: Toxicological information

Acute toxicity (oral)	: Oral - rat LD50: > 5,050 mg/kg practically nontoxic
Acute toxicity (dermal)	: Dermal - rabbit LD50: > 2,020 mg/kg; No More Than Slightly Toxic
Acute toxicity (inhalation)	: Not classified.
Skin corrosion/irritation	: Skin Irritation - rabbit: 0.0/8.0 (24-hr. exp.); nonirritating pH: 5 - 6.5 (at 1.01 lbs/gal. of water)
Serious eye damage/irritation	: Eye Irritation - rabbit: 10.2/110.0; minimally irritating pH: 5 - 6.5 (at 1.01 lbs/gal. of water)
Respiratory or skin sensitisation	: Not classified.
Germ cell mutagenicity	: Not classified.
Carcinogenicity	: Not classified.
Reproductive toxicity	: Not classified.
STOT-single exposure	: Not classified.
STOT-repeated exposure	: Not classified.
Aspiration hazard	: Not classified.

SECTION 12: Ecological information

According to the National Code of Practice for the Preparation of Material Safety Data Sheets, Environmental classification information is not mandatory. Information relevant for GHS classification is available on request

12.1. Ecotoxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Acute aquatic toxicity	: Coldwater fish: 96-hr LC50 Rainbow trout: 435 mg/L, Practically Nontoxic
Chronic aquatic toxicity	: Not classified.

12.2. Persistence and degradability

ICL has not conducted environmental toxicity or biodegradation studies with this product.

12.3. Bioaccumulative potential

ICL has not conducted environmental toxicity or biodegradation studies with this product.

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone	: Not classified.
Other adverse effects	: No additional information available

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Fluorinated greenhouse gases	False
GWPmix comment	No known effects from this product.

SECTION 13: Disposal considerations

Waste treatment methods	: Consult your attorney or appropriate regulatory official for information on disposal and on the recycling exemption. Recycle or dispose of in accordance with local, state, provincial, and federal regulations.
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SECTION 14: Transport information

14.1. UN number

Not regulated for transport

14.2. Proper Shipping Name - Addition

Not applicable

14.3. Transport hazard class(es)

ADG

Transport hazard class(es) (ADG) : Not Dangerous Goods

IMDG

Transport hazard class(es) (IMDG) : Not Dangerous Goods

IATA

Transport hazard class(es) (IATA) : Not Dangerous Goods

14.4. Packing group

Packing group (ADG) : Not applicable

14.5. Environmental hazards

Marine pollutant : No

14.6. Special precautions for user

Specific storage requirement : No data available

Shock sensitivity : No data available

14.7. Additional information

Other information : No supplementary information available.

14.8. Hazchem or Emergency Action Code

Hazchem code : Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Global Chemical Inventory Status:

AICS (Australia Inventory of Chemical Substances) : All components are listed or exempted.

TSCA (USA) : All components are listed or exempted.

15.2. International agreements

No additional information available

SECTION 16: Any other relevant information

Revision date : 15/08/2017

Classification:

Not classified.

SDS Australia

This safety data sheet (SDS) summarises as of the date of issue our best knowledge of the health and safety hazard information of the product, and in particular, how to safely handle and use the product in the workplace. Since PC Australasia Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this SDS in the context of how the user intends to handle and use then product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. Our responsibility for the products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.

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