

1. Identification of the substance/preparation and of the company/undertaking

1.1 Product Identifier

Trade Name: Alka-m Photometer Test Tablets

1.2 Relevant Identified uses of the substance or mixture and uses advised against

Uses: Testing Water

1.3 Details of the supplier of the safety data sheet

Company: Complete Pool Controls Ltd
Unit 2, The Park
Stoke Orchard
Bishops Cleeve
Gloucestershire
GL52 7RS

Telephone: +44 (0) 8712 229081

Fax: +44 (0) 8712 229083

E-mail: sales@cpc-chemicals.co.uk

1.4 Emergency Telephone

Tel: +44 (0) 8712 229081 (office hours) +44 (0) 1242 300271 (outside of office hours)

2. Hazard Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Hazard Class Hazard Statements

Eye Irrit. 2 H319

For the full text of the H statements mentioned in this section see Section 16.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms: GHS07: Warning

Hazard symbols:



Signal word: Warning

Hazard statements: H319 Causes serious eye irritation

Precautionary statements:

P102 Keep out of reach of children

P402 Store in a dry place.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Hazardous components which must be listed on the label

Hazardous components Adipic Acid

2.3 Other Hazards

Other Hazards No other information is available.

3. Composition/information on ingredients

3.2 Mixture

Chemical Name	CAS-No.	EC-No.	%	CLP Hazard
Adipic Acid	124-04-9	204-673-3	10-30%	Eye Irrit.2 H319
Ammonium thiosulphate	7783-18-8	231-982-0	10-20%	Eye Irrit.2 H319

4. First Aid measures

4.1 Description of first aid measures

- If inhaled: Unlikely route of exposure as the product does not contain volatile substances.
- If Ingested: Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention immediately
- In case of skin contact: Wash skin thoroughly with soap and water. Get medical attention if symptoms occur after washing
- In case of eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. Get medical attention if irritation continues.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms & Effects: No further information available.

4.3 Indication of immediate medical attention and special treatment needed

- Treatment Treat Symptomatically.

5. Fire fighting measures

5.1 Extinguishing media:

- Suitable media: Use extinguishing measures appropriate to the surrounding environment.
- Unsuitable media: No information available.

5.2 Special hazards arising from the substance or mixture

- Specific Hazards : Formation of toxic gases is possible during heating or fire.

5.3 Advice for fire-fighters

- Protective equipment In the event of fire, wear self-contained breathing apparatus. Wear appropriate body protection (full protective suit).
- Further Information: Pungent fumes evolved in fire so avoid breathing vapours.

6. Accidental release Measures

6.1 Personal precautions, protective equipment and emergency procedures

- Personal Precautions: Avoid causing dust. Wear protective equipment.

6.2 Environmental precautions

- Environmental precautions: Do not allow product to reach sewage systems or water bodies.

6.3 Methods and materials for containment and cleaning up

- Cleaning up Collect mechanically. Ensure adequate ventilation. Dispose of contaminated material according to item 13.

6.4 Reference to other sections

For personal protection see section 8

7. Handling and storage

7.1 Precautions for safe handling

- Advice on safe handling: Use personal protective equipment. Avoid handling which leads to dust formation.
- Hygiene measures: Keep away from food, drink and animal feeding stuffs. Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and at the end of workday.

[Cont....]

7. Handling and storage

7.2 Conditions for safe storage, including any incompatibilities.

Storage areas	Store in a cool and well ventilated place.
Containers:	Keep in original closed containers.
Fire and explosion:	The product is not flammable.
Further information:	Protect from humidity and keep away from water.
Common storage:	Store away from solvents.

7.3 Specific end uses

Specific use(s)	Water Testing
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8. Exposure control/personal protection

8.1 Control parameters

Not regulated

8.2 Exposure controls

Engineering measures Refer to protective measures listed in sections 7 and 8.

Personal protective equipment

Respiratory protection	Using breathing protection against the effects of fumes/dust /aerosol.
Hand protection	Wear protective gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and standard EN 374.
Glove thickness:	≥ 0.11mm
Eye protection	Wear safety goggles approved to standard EN 166.
Skin and body protection	Wear appropriate clothing to prevent repeated or prolonged skin contact

Environmental exposure controls

General advice: Good personal hygiene practises always advisable when working with chemicals.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form: Solid
Colour: Yellow
Odour: odourless

pH @ 20°C: 3.5
Boiling point/boiling range: 265°C
Flash point: >100°C
Water solubility: completely miscible.
Ignition temperature: 405°C
Explosive properties: Product is not explosive.

9.2 Other Information

Other Information No further information available

10. Stability and reactivity

10.1 Reactivity

Reactivity No information available.

10.2 Chemical stability

Chemical stability No decomposition if stored and applied as directed.

[Cont....]

Trade Name: Alka-m Photometer Test Tablets

10. Stability and reactivity

10.3 Possibility of hazardous reactions

Hazardous reactions: No hazardous reactions known

10.4 Conditions to avoid

Conditions to avoid Avoid excessive heat for prolonged periods of time.

10.5 Incompatible materials

Materials to avoid No information available.

10.6 Hazardous decomposition products

Haz. Decomp. products: No information available

11. Toxicological Information

11.1 Information on toxicological effects

Acute Toxicity

Oral

adipic acid 124 - 04 -9			
Value type	Value		Species
LD50	5700	mg/kg	Rat
ammonium thiosulphate - 7783 - 18 8			
LD50	2890	mg/kg	Rat

Primary Irritant effect

On the skin: No irritant effect

On the eye: Irritant effect

Carcinogenic There is no evidence that this substance has any carcinogenic properties.

Mutagenic There is no evidence that this substance is mutagenic

Sensitization: No sensitizing effects known

Additional toxicological information: No further information available

12. Ecological Information

12.1 Toxicity

adipic acid		124-04-9		
(Daphnia magna)	EC50	48h	86	mg/l
(Leuciscus idus)	LC50	48h	511	mg/l
(Pimeohales promelas)	LC50	96h	97	mg/l

Remarks: Sulphates > 7 g/l Toxic for fish

12.2 Persistence and degradability

Persistence and degradability No data available

12.3 Bioaccumulative potential

Bioaccumulative potential No data available

12.4 Mobility in soil

Mobility in soil The product is soluble in water

12.5 Results of PBT and PvB assessment

PBT and PvB This substance is not classified as PBT or vPvB according to the current EU criteria

12.6 Other adverse effects

Other adverse effects BSBS 0.598 g/g (-)

Water hazard class 1 (German regulation) (self assessment); slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

Trade Name: Alka-m Photometer Test Tablets

13. Disposal Considerations

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
- Do not reuse empty containers without commercial cleaning or reconditioning
- Do not discharge into drains or the environment, dispose to an authorised waste collection point

Classification

Waste Codes in accordance with the European Waste catalogue (EWC) are origin-defined. Since this product is used in several industries, no Waste Code can be provided by the supplier. The Waste Code should be determined in arrangement with your waste disposal partner or the responsible authority

14. Transport Information

Not classified as hazardous for transportation.

15. Regulatory information

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

This product is not classified according to the EU regulations

15.2 Chemical Safety Assessment

Currently we do not have any information from our supplier about this.

16. Other information

Full text of H-statements referred to under sections 2 and 3
H319 Causes serious eye irritation

Further information

Restricted to professional users. Attention - Avoid exposure- obtain special instructions before use

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Rev 4

Indicates updated section.