

SAFETY DATA SHEET



Product Name:

AL 17

Version No. 2	Revision date 01-06-2015	Initial issue date 16-03-2006
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1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND OF THE COMPANY

1.1 Product Identifier	AL 17	
1.2 Relevant/Use(s)/misuse(s)	Industrial	
1.3 SDS Supplier	Beacon Water Treatments Limited Parsons Hall Industrial Estate High Street Irchester, NN29 7AB 01604 505735 (Office hours)	Telephone: 01933 410066 Competent Person e-mail: trevor@rising-hsande.co.uk
1.4 Emergency Telephone		

2. HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE

2.1.1 Classification according to Regulation (EC) No 1272/2008 (CLP/GHS)

Skin Irrit. 2 H315
Skin Sens. 1 H317
Eye Irrit. 2 H319
Aquatic Chronic 3 H412

2.1.2 Additional information

For text of hazard statements, see section 16

2.2 LABELLING ELEMENTS

2.2.1 Labelling in accordance with EC Regulation No 1272/2008 (CLP/GHS)

Pictogram(s):



Signal word

WARNING

Hazard statement(s)

H315 CAUSES SKIN IRRITATION.
H317 MAY CAUSE AN ALLERGIC SKIN REACTION
H319 CAUSES SERIOUS EYE IRRITATION.

Precautionary statement(s)

H412 HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS ,
P280 WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION.
P312 CALL A POISON CENTER OR DOCTOR/PHYSICIAN IF YOU FEEL UNWELL.
P302+352 IF ON SKIN: WASH WITH PLENTY OF SOAP AND WATER.
P305+351+338 IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING.
P501 DISPOSE OF CONTENTS/CONTAINER TO HAZARDOUS OR SPECIAL WASTE COLLECTION SITE IN ACCORDANCE WITH LOCAL / REGIONAL / NATIONAL OR INTERNATIONAL REGULATIONS

2.3 Other hazards None known

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3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterisation

AQUEOUS SOLUTION OF ADDITIVES CONTAINING DYESTUFF

<u>Chemical name</u>	<u>CAS-No</u>	<u>EINECS/ELINCS</u>	<u>Classification</u>	<u>Concentration</u>
NEUTRALISED PHOSPHONO-CARBOXYLIC ACIDS	143238-08-1	410-800-5	Skin Sens. 1 H317; Aquatic Chronic 2 H411	15-20%
SULPHAMIC ACID	5329-14-6	226-218-8	Skin Irrit. 2 H315; Eye Irrit. 2 H319; Aquatic Chronic 3 H412	2-5%

4. FIRST AID MEASURES

4.1 Description of measures

Inhalation	If inhaled, provide fresh air, warmth, rest and if necessary, seek medical advice.
Skin contact	Immediately clean areas of skin affected with soap and plenty of water. If necessary, seek medical advice.
Eye contact	Immediately wash out eye thoroughly with plenty of water until irritation subsides; if necessary, consult an eye specialist/ophthalmologist.
Ingestion	If product is swallowed, do NOT induce vomiting. Drink plenty of water; if necessary, seek medical advice.

4.2 Most important effects/symptoms None known.

4.3 Immediate/special treatment Treatment as described above.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media	To suit local surroundings (e.g. water mist, carbon dioxide, foam, chemical powder for large fires). Do not use water jet. The product is not flammable
5.2 Special hazards	Decomposition products released in a fire should be considered as probably harmful if inhaled.
5.3 Advice for fire fighters	Wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions	Adhere to personal protective measures.
6.2 Environmental precautions	Do not allow to get into waste water or waterways; if this occurs, inform the relevant water authority at once.
6.3 Methods and materials for cleaning up	Take up with absorbent material, e.g. sand, sawdust, into tightly closed containers. Label container and dispose of as prescribed ..
6.4 Reference to other sections	See section 8 for personal protective equipment.

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7. HANDLING AND STORAGE

7.1 Precautions for safe handling	Handle in accordance with good hygiene and safety practice.
7.2 Conditions for safe storage	Ensure adequate ventilation of the storage area. Keep containers tightly closed, cool and dry. Avoid high temperatures.
7.3. Specific end use(s)	Industrial

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Controls parameters	There are no occupational exposure limit values available. Comply with good practice for the control of exposure.
8.2 Exposure controls	
Engineering controls	Ensure adequate ventilation of working area.
Personal protection	Observe normal standards for handling chemicals. It is recommended that those with a medical history of sensitisation should not handle this product. Wash hands before breaks and after work. Avoid contact with skin and eyes. Wear personal protective equipment appropriate to the task (see below)
Eye protection	Safety goggles (e.g. EN 166) if splashing is likely.
Skin protection	PVC gloves (also consider your own risk assessment; e.g. breakthrough times, rates of diffusion and degradation, tasks undertaken)
Respiratory protection	Approved respirator if ventilation is insufficient.
Other protection	Protective overall

9. PHYSICAL & CHEMICAL PROPERTIES

9.1 Basic physical and chemical properties

Physical form	Liquid
Colour	Blue
Odour	Faint
Odour threshold	No data available
pH	7.5
Boiling pt / range	From 100 °C
Melting pt / range	Not determined °C
Flash point	Not applicable °C
Auto ignition temp.	Not applicable °C
Evaporation rate	Not applicable
Relative density	Not determined
Flammability	Not applicable
Explosion limits	Not applicable
Vapour pressure	Not applicable

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9. PHYSICAL & CHEMICAL PROPERTIES

9.1 Basic physical and chemical properties

Relative vapour density	Not determined
Water solubility	Miscible
Thermal decomposition	No data available
Viscosity	Not applicable
Partition coefficient	Log P _{o/w} = Not determined
Explosive properties	Not applicable
Oxidising properties	Not applicable
9.2 Other information	None known

10. STABILITY AND REACTIVITY

10.1 Reactivity	Stable under normal conditions of handling.
10.2 Chemical stability	Decomposes > 360°C
10.3 Hazardous reactions	None known.
10.4 Conditions to avoid	None known.
10.5 Incompatible material	According to experience, there are no incompatible substances..
10.6 Hazardous decomposition products	Oxides of phosphorus and carbon

11. TOXICOLOGICAL INFORMATION

11.1 information on toxicological effects

Acute toxicity	LD ₅₀ rat (oral)	> 5000 mg/kg	Data for the phosphono-carboxylic acids
	LD ₅₀ rat (derm)	> 2000 mg/kg	Data for the phosphono-carboxylic acids
Dermal compatibility	Minimal irritation (Data for the phosphono-carboxylic acids, OECD 404)		
Mucous membrane compatibility	Minimal irritation (Data for the phosphono-carboxylic acids, OECD 405)		
Further information	Skin sensitiser (Data for the phosphono-carboxylic acids, Magnusson-Kligman)		

12. ECOLOGICAL INFORMATION

12.1 Toxicity	LC ₅₀	Aquatic organisms	mg/l	No data available
12.2 Degradability	9% (Data for the phosphono-carboxylic acids, OECD 301 C) Log P _{ow} : < 2.98 (Data for the phosphono-carboxylic acids)			
12.3 Bioaccumulative potential	Not determined			
12.4 Mobility in soil	Not determined			
12.5 PBT/vPvB assessment	Not applicable			
12.6 Other adverse effects	Do not allow to get into waste water or waterways; if this occurs, inform the relevant water authority at once.			

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13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment measures

Advice on disposal In accordance with national and local authority regulations, e.g. The Hazardous Waste (England & Wales) Regulations 2005.

Contaminated packaging Treat empty containers in the same way as the product or if possible wash out thoroughly and recycle.

14. TRANSPORT INFORMATION

14.1 United Nations number Not classified for transport (ADR, IMDG, IATA)

14.2 Proper shipping name Not applicable (ADR, IMDG, IATA)

14.3 Transport class(s) Not applicable (ADR, IMDG, IATA)

14.4 Packing group Not applicable (ADR, IMDG, IATA)

14.5 Environmental hazards The product should not be marked as a marine pollutant. (ADR, IMDG, IATA)

14.6 Special procedures Not applicable (ADR, IMDG, IATA)

14.7 Transport in bulk Not applicable (ADR, IMDG, IATA)

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations The product is classified in accordance with EC Regulation 1272/2008 (CLP). Other regulatory information and provisions are not applicable for this product.

15.2 Chemical safety assessment Not applicable

16. OTHER INFORMATION

Further information

The SDS has been revised in accordance with EC Regulation 1272/2008 (CLP)

Hazard statements referred to in sections 2/3

H315: Causes skin irritation.

H317: may cause an allergic skin reaction

H319: Causes serious eye irritation.

H412: Harmful to aquatic life with long lasting effects

Sources of data Other suppliers' safety data sheets

Date of issue 01-06-2015

This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirements. It should not be construed as guaranteeing specific properties.

Data sheet prepared by Rising HS&E Services.