
SAFETY DATA SHEET

SECTION 1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

- Product Name: Resintek
- Datasheet Number: RES

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

- Use of the substance/mixture: Ion exchange resin cleaner

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Western Environmental Ltd
- Address of Supplier: Western House
Owen Road
Britonwood Trading Estate
Knowsley
Merseyside
UK
L33 7YP
- Telephone: +44 (0) 151 546 1000
- Fax: +44 (0) 151 546 5777
- Responsible Person: Mr Ken Ward
- Email: ken.ward@westerngroup.co.uk

1.4 Emergency telephone number

- Emergency Telephone: +44 (0) 151 546 1000
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SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

- CHIP:
- CLP: Eye damage category 2A H319 Causes serious eye irritation

2.2 Label elements



- Signal Word: Warning
- Hazard phrases
H319 - Causes serious eye irritation.
- Precautionary Phrases
P264 - Wash hands thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical advice/attention.

2.3 Other hazards

SECTION 3 Composition/information on ingredients

3.1 Substances

- Amino Trimethylene Phosphonic Acid
CAS Number: 6419-19-8
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SECTION 3 Composition/information on ingredients (....)

- EC Number: Not listed
Categories: Met. Corr. 1, Eye Dam. 1, Skin Irrit. 2
R/H Phrases: H290 - May be corrosive to metals., H318 - Causes serious eye damage.,
H315 - Causes skin irritation.
Concentration: 6 - 12%
- sodium hydroxide; caustic soda
CAS Number: 1310-73-2
EC Number: 215-185-5
Categories: Skin Corr. 1A
R/H Phrases: H314, R35
Concentration: 3 - 8%

3.2 Mixtures

SECTION 4 First aid measures

4.1 Description of first aid measures

- P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337+P313 - If eye irritation persists: Get medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

- Can cause damage to the eyes

4.3 Indication of any immediate medical attention and special treatment needed

- P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
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SECTION 5 Fire-fighting measures

5.1 Extinguishing media

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

5.2 Special hazards arising from the substance or mixture

- None in particular.

5.3 Advice for firefighters

- Wear chemical protection suit and positive-pressure breathing apparatus
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SECTION 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Ensure adequate ventilation
- Wear protective clothing as per section 8

6.2 Environmental Precautions

- Do not allow to enter public sewers and watercourses

6.3 Methods and material for containment and cleaning up

- Absorb spillage in inert material and shovel up
- Remove contaminated material to safe location for subsequent disposal

6.4 Reference to other sections

SECTION 7 Handling and storage

7.1 Precautions for safe handling

- Avoid contact with skin, eyes and clothing.
 - Eyewash bottles should be available
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SECTION 7 Handling and storage (....)

7.2 Conditions for safe storage, including any incompatibilities

- Storage containers should not be made from aluminium
- S14 - Keep away from oxidising substances

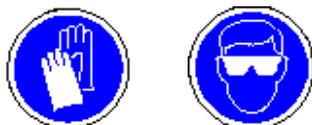
7.3 Specific end use(s)

SECTION 8 Exposure controls/personal protection

8.1 Control parameters

- Contains no substances with occupational exposure limit values.

8.2 Exposure controls



- Wear rubber or PVC gloves
 - Wear goggles giving complete eye protection
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SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Water white liquid
- Odour: Perceptible odour
- pH: Range 5.5 - 7.0
- Melting point/Range: Not applicable
- Freezing point/Range: Ca. 0deg. Celcius
- Boiling Point/Range: ~100 deg. C
- Flammability: Not flammable
- Specific Gravity: 1.02 - 1.08 (water=1)
- Solubility in water: Completely soluble in water
- Oxidising Properties: Not applicable

9.2 Other information

SECTION 10 Stability and reactivity

10.1 Reactivity

- Stable under normal temperature conditions and recommended use.

10.2 Chemical stability

- Stable under normal conditions.

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- No further relevant information available.

10.5 Incompatible materials

- Strong acids and oxidising agents.

10.6 Hazardous Decomposition Products

- Phosphorus oxides.
 - Nitrogen oxides (NO_x).
 - Carbon monoxide and carbon dioxide.
 - Phosphine.
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SECTION 11 Toxicological information

11.1 Information on toxicological effects

- LD50 (oral, rat) >2000 mg/kg
 - LD50 (skin, rat) >5000 mg/kg
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SECTION 12 Ecological information

12.1 Toxicity

- EC50 (daphnia) >6000 mg/l (96 hr)

12.2 Persistence and degradability

- Not readily biodegradable

12.3 Bioaccumulation Potential

- Bioaccumulation is insignificant

12.4 Mobility in soil

- No information available

12.5 Results of PBT and vPvB assessment

- This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).
- This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

12.6 Other Adverse Effects

- None
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SECTION 13 Disposal considerations

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
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SECTION 14 Transport information

14.1 UN Number

- UN No.: Not applicable

14.2 UN Proper Shipping Name

- Proper Shipping Name: Not applicable

14.3 Transport hazard class(es)

- Hazard Class: Not applicable

14.4 Packing group

- Packing Group: Not applicable

14.5 Environmental hazards

- Not applicable

14.6 Special precautions for user

- Irritant

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

- Not applicable
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SECTION 15 Regulatory information

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

SECTION 15 Regulatory information (....)

15.2 Chemical Safety Assessment

- A chemical safety assessment (CSA) for this product has not yet been completed
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SECTION 16 Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H290: May be corrosive to metals. H314: Causes severe skin burns and eye damage. R35: Causes severe burns.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regards to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Western Environmental Ltd and its affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.