

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: MC2 Central Heating System SILENCER

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

Use of substance / mixture: Water treatment chemical

1.3. Details of the supplier of the safety data sheet

Company name: ADEY Innovation LLP

Head Office

Gloucester Road

Cheltenham

Gloucestershire

GL51 8NR

United Kingdom

Tel: +44 (0)1242 546700

Fax: +44 (0)1242 546777

Email: info@adey.com

1.4. Emergency telephone number

Emergency tel: +44 (0)1242 546700 (8:30 – 5pm)

+44 (0)7909 967607 (outside office hours)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008): Not applicable

This product is not classified according to the CLP regulation.

2.2. Label elements

Label elements: This product has no label elements.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Substances

Dangerous components		
2809-21-4	1 – Hydroxyethylidenediphosphonic Acid	<5%
	Met. Corr. 1, H290; Eye Dam. 1, H318; Acute Tox. 4, H302	

The listed risk phrases are displayed in Section 16.

Section 4: First aid measures**4.1. Description of first aid measures**

General information: No special measures required.

Inhalation: Supply fresh air; consult doctor in case of complaints.

Ingestion: Drink plenty of water. Call for a doctor immediately.

Skin contact: Take off immediately all contaminated clothing.

Eye contact: Rinse opened eye for several minutes under running water.

4.2. Most important symptoms and effects, both acute and delayed

No further relevant information.

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

No further relevant information available.

Section 5: Fire-fighting measures**5.1. Extinguishing media**

Extinguishing media: Water, carbon dioxide, foam.

5.2. Special hazards arising from the substance or mixture

No further relevant information available.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Keep unprotected persons away.

6.2. Environmental precautions

Environmental precautions: Do not allow product to reach sewage system or any water course.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

6.4. Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: No special measures required.

Information about fire – and explosion protection:

No special measures required.

7.2. Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles:

Store in a cool location (0°C -35°C)

Store only in the original receptacle.

Information about storage in one common facility:

Not required.

Further information about storage:

This product is stable for 24 months, if stored at room temperature.

Storage class: 12

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

8.2. Exposure controls

General measures: The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection: Not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance: Liquid

Colour: Colourless

Odour: Characteristic

pH value at 20%: 10.3

Change in condition: 100°C

Boiling point/Boiling range

Flash point: Not applicable

Self-igniting: Not self-igniting

Danger of explosion: Product does not present an explosion hazard

Density at 20%: 1.02 g/cm³

Solubility in water: Fully miscible

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Chemical stability: No decomposition if used according to specifications.

10.3. Possibility of hazardous reactions

Hazardous reactions: No hazardous reactions known.

10.4. Conditions to avoid

Conditions to avoid: No further relevant information available.

10.5. Incompatible materials

Materials to avoid: No further relevant information available.

10.6. Hazardous decomposition products

No dangerous decomposition products known.

Section 11: Toxicological information

Acute toxicity:

LD/LC50 values relevant for classification		
ORAL	LD50	>10000 mg/kg (rat)
DERMAL	LD50	>10000 mg/kg (rabbit)

11.1. Information on toxicological effects

Primary irritant effect:

Skin contact: No irritant effect.

Eye contact: No irritating effect.

Sensitisation: No sensitising effects known.

Section 12: Ecological information

Ecotoxicity: Not regarded as dangerous for the environment. However this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.1. Toxicity

Aquatic toxicity	
LC50/96 h	>10000 mg/l (Orcorhynchus mykiss)

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: No data available.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: No further relevant information available.

Section 13: Disposal considerations

13.1. Waste treatment methods

Recommendation: Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

European waste catalogue	
16 00 00	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 03 00	Off-specification batches and unused products
16 03 06	Organic wastes other than those mentioned in 16 03 05

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

Specific regulations: The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

EU legislation: Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Guidance: Workplace Exposure Limits EH40.
CHIP for everyone HSG228.
Approved Classification and Labelling Guide (Sixth edition) L131.
Safety Data Sheets for Substances and Preparations.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

This safety data sheet is prepared in accordance with Commission Regulation (EC) No 1272/2008.

Phrases used in s.2: H290: May be corrosive to metals.
H302: Harmful if swallowed.
H318: Causes serious eye damage.

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SAFETY DATA SHEET

MC2 Central Heating System Silencer

referred to for their purposes and to deal with the safe handling, transportation, use, storage and disposal of the same.

