

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

1.1. Product identifier

Product name: MC10+ RAPIDE Underfloor & Central Heating System BIOCIDE

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

Use of substance / mixture: Water treatment biocide

1.3. Details of the supplier of the safety data sheet

Company name: ADEY Innovation Limited,
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 according to (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

Chemical Characterisation: Mixtures

Description: Mixture of substances listed below with non-hazardous additions.

Dangerous components: Not applicable.

Additional information: For the wording of the listed risk phrases refer to 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: If symptoms persist consult doctor.

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 available.

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

Immediate / special treatment: No further relevant information available.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.2. Special hazards arising from the substance or mixture

Carbon Monoxide (CO)

CO₂

Gas Nitrous (NO_x)

5.3. Advice for fire-fighters

Advice for fire-fighters: Firefighters, and others exposed, wear self-contained breathing apparatus.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Not required.

6.2. Environmental precautions

Environmental precautions: Don not allow to enter sewers/surface or ground water.

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

No dangerous substances are released.

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 locations (0°-35°C).

Store only in the original receptacle.

Information about storage in one common facility: Not applicable.

Further information about storage: Store in a cool place.

The product, if stored properly, is stable for 24 months.

Storage class: 12

7.3. Specific end use(s)

Specific end use(s): No further relevant information available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

This product does not contain any relevant quantities of material with critical values that have to be monitored in the workplace.

Additional information: The lists valid during the making were used as a basis.

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

State: Liquid.

Colour: Colourless-pale yellow.

Odour: Light.

pH value at 20%: 3.0 – 5.0

Change in condition

Melting point/Melting range: -5°C

Boiling point/Boiling range: 100°C

Flash point: Not applicable.

Flammability (solid, gaseous): Not applicable.

Ignition temperature

Decomposition temperature: Not determined.

Self-igniting: Product is not self-igniting.

Danger of explosion: Product does not present an explosion hazard.

Vapour pressure at 20%: 23 hPa

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

Reactivity: No further relevant information available.

10.2. Chemical stability

Chemical stability: No decomposition if used according to specifications.

10.3. Possibility of hazardous reactions

Hazardous reactions: No dangerous 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

Haz. decomp. products: Carbon Monoxide, Carbon Dioxide and Nitrogen oxides (NOx)

Section 11: Toxicological information

Acute toxicity

11.1. Information on toxicological effects

Primary irritant effect:

Skin contact: No irritant effect.

Eye contact: No irritating effect.

Respiratory: No irritating effect.

Section 12: Ecological information

12.1. Toxicity

No ecological testing was carried out on the product. Data is based on the properties of the main components.

Aquatic toxicity: No further relevant information available.

12.2. Persistence and degradability

Persistence and degradability: Easily biodegradable (OECD 301A).

12.3. Bioaccumulative potential

Bioaccumulative potential: Does not accumulate in organisms.

12.4. Mobility in soil

Mobility: No further relevant information available.

Additional ecological information

Water hazard class 2 (German regulation) (Self-assessment): hazardous for water. Do not allow product to reach

ground, water course or sewage system. Danger to drinking water even if small quantities leak into the ground.

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

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:

Recommendations: Disposal must be made according to official regulations.

Section 14: Transport information

14.1. UN number

ADR/RID: 1950

IMDG: 1950

14.2. UN proper shipping name

ADR/RID: Aerosols, non-flammable

IMDG: Aerosols, non-flammable

14.3. Transport hazard class(es)

ADR/RID: 2

IMDG: 2.2



14.4. Packing group

No information required.

14.5. Environmental hazards

No environmentally hazardous substances/marine pollutants.

14.6. Special precautions for user

No information required.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No information required.

Section 15: Regulatory information

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

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).

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 (EC) No 1272/2008.

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