

Safety data sheet

Center central heating inhibitor



Conforms to regulation (EC) No 1907/2006 (REACH) of the European Parliament and of the Council.

Date of issue: 16/05/2019

Revision date: 16/05/2019

Version 1

SECTION 1: Identification of the substance/mixture and of the company/undertaking			
1.1. Product identifier			
WUK Product Name:	Central Heating Inhibitor		
WUK Product Code:	609939	Manufacturers Code:	CH1-03-04385-CB
Product Type:	Heating system water treatment		
Original SDS:			
1.2. Relevant identified uses of the substance or mixture and uses advised against			
1.3. Details of the supplier of the safety data sheet			
Supplier:	Wolseley		
Address:	K2, Kingmaker Court, Warwick Technology Park, Warwick, CV34 6DY, UK		
Telephone:	01926 705000		
Email:	quality.department@wolseley.co.uk		
1.4. Emergency telephone number			
Telephone Number:	07909 967 607	Hours of Operation:	7am – 6pm

SECTION 2: Hazards identification	
2.1. Classification of the substance or mixture	
Classification according to Regulation – Regulation (EC) No. 1907/2006 (REACH). Not classified	
Precautionary Statements To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.	
2.2. Label elements	
Labelling according to Regulation - EUH208 - Contains BENZISOTHIAZOLINONE. May produce an allergic reaction.	
Additional advice on labelling	
2.3. Other hazards	
None under normal conditions.	

SECTION 3: Composition/information on ingredients			
3.1. Substances			
Not applicable			
3.2. Mixtures			
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
BENZOTRIAZOLE	(CAS-No.) 95-14-7 (EC-No.) 202-394-1	1 - 10	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Aquatic Chronic 2, H411

WUK-FRM033 V1

Page 1 of 6



The Specialist Merchant

SECTION 4: First aid measures	
4.1. Description of first aid measures	
Contact with eyes:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Contact with skin:	Take off contaminated clothing. Wash skin with plenty of water. If skin irritation or rash occurs: Get medical advice/attention.
Inhalation:	Remove person to fresh air and keep comfortable for breathing. Get medical attention if symptoms occur.
Ingestion:	Rinse mouth. Do not induce vomiting. Get medical advice/attention.
4.2. Most important symptoms and effects, both acute and delayed	
Eye contact:	May cause slight irritation.
Skin Contact:	May cause an allergic skin reaction. irritation (itching, redness, blistering).
Inhalation:	In high concentrations, vapours may irritate throat and respiratory system and cause coughing.
Ingestion:	Ingestion is not considered a potential route of exposure. May cause gastrointestinal irritation, nausea, vomiting and diarrhoea.
4.3. Indication of any immediate medical attention and special treatment needed	
General Advice:	If medical advice is needed, have product container or label at hand.

SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Use extinguishing media appropriate for surrounding fire.	
5.2. Special hazards arising from the substance or mixture	
Fire hazard: The product is not flammable. Explosion hazard: Product is not explosive. Reactivity in case of fire: Not known. Hazardous decomposition products in case of fire: Toxic fumes may be released.	
5.3. Advice for firefighters	
Precautionary measures fire: No special measures required. Firefighting instructions: Use extinguishing media appropriate for surrounding fire. Protection during firefighting: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.	

SECTION 6: Accidental release measure	
6.1. Personal precautions, protective equipment and emergency procedures	
General measures: Avoid release to the environment. 6.1.1. For non-emergency personnel Protective equipment: Wear recommended personal protective equipment. For further information refer to section 8: "Exposure controls/personal protection". Emergency procedures: Stop leak if safe to do so. Ventilate spillage area. 6.1.2. For emergency responders Protective equipment: Wear recommended personal protective equipment. For further information refer to section 8: "Exposure controls/personal protection". Emergency procedures: Stop leak if safe to do so. Ventilate area.	
6.2. Environmental precautions	
Avoid release to the environment.	
6.3. Methods and material for containment and cleaning up	
For containment: Collect spillage. Methods for cleaning up: Take up liquid spill into absorbent material. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13). Other information: Dispose of in accordance with relevant local regulations. This material and its container must be disposed of as hazardous waste.	
6.4. Reference to other sections	
For further information refer to section 8: "Exposure controls/personal protection". For disposal of solid materials or residues refer to section 13: "Disposal considerations".	



SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling: Ensure adequate ventilation. Wear personal protective equipment. Avoid contact with skin and eyes. Hygiene measures: Always wash hands after handling the product. Do not eat, drink or smoke when using this product.	
7.2. Conditions for safe storage, including any incompatibilities	
Storage conditions: Store in a well-ventilated place. Keep cool. Keep container closed when not in use. Incompatible products: Strong acids. Storage area: Store in a well-ventilated place. Special rules on packaging: Keep only in original container.	
7.3. Specific end use(s)	
No special requirements.	

SECTION 8: Exposure controls/personal protection	
8.1. Control parameters	
Exposure Limits:	No additional information available
8.2. Exposure controls	
Controls procedures:	Ensure adequate ventilation.
Personal protection:	Wear suitable protective clothing - Gloves. Safety glasses.
Inhalation:	No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.
Hands and skin:	Protective gloves. Chemical resistant gloves (according to European standard NF EN 374 or equivalent)
Eyes:	Safety glasses with side shields. The eye protection to be used must comply with the specifications of EC directive 89/686/EEC and the resultant standard EN 166.

SECTION 9: Physical and chemical properties	
9.1. Information on basic physical and chemical properties	



Physical state	: Liquid
Colour	: Pale yellow to yellow.
Odour	: mild.
Odour threshold	: No data available
pH	: 7.5 - 8.5
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 1.06
Solubility	: Miscible.
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: Product is not explosive.
Oxidising properties	: Non oxidizing material according to EC criteria.
Explosive limits	: No data available

9.2. Other information

VOC content: According to Swiss ordinance 814.018, we certify that the product mentioned above does not contain any Volatile Organic Compounds (VOC)

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

Strong acids. Strong oxidizing agents.

10.6. Hazardous decomposition products

SECTION 11: Toxicological information	
11.1. Information on toxicological effects	
Acute toxicity (oral)	Not classified
Acute toxicity (dermal)	Not classified
Acute toxicity (inhalation)	Not classified
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified
Respiratory or skin sensitisation	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
STOT-single exposure	Not classified
STOT-repeated exposure	Not classified
Aspiration hazard	Not classified

SECTION 12: Ecological information
12.1. Toxicity
Ecology - general: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. Ecology - water: The product does not have any known adverse effect on the tested aquatic organisms. Acute aquatic toxicity: Not classified Chronic aquatic toxicity: Not classified
12.2. Persistence and degradability
No data available.
12.3. Bio accumulative potential
No data available.
12.4. Mobility in soil
Miscible with water.
12.5. Results of PBT and vPvB assessment
No additional information available
12.6. Other adverse effects
None known.

SECTION 13: Disposal considerations
13.1. Waste treatment methods
Product: Disposal must be done according to official regulations.
Contaminated Packaging: Dispose of contents/container in accordance with licensed collector's sorting instructions. Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: Transport information
14.1. UN number
UN Number: Not applicable
14.2. UN proper shipping name
Proper shipping name: Not applicable
14.3. Transport hazard class(es)
Class(es): Not applicable
Subsidiary risk: Not applicable
ADR/RID – Classification Code: Not applicable

14.4. Packing group	
Packing group:	Not applicable
14.5. Environmental hazards	
ADR/RID-Environmentally Hazardous:	Not applicable
IMDG-Marine pollutant:	Not applicable
IATA/ICAO-Environmentally Hazardous:	Not applicable
Other:	Not applicable
14.6. Special precautions for user	
ADR/RID – Tunnel code:	Not applicable
IMDG-Ems:	Not applicable
IATA/ICAO - PAX	Not applicable
IATA/ICAO – CAO:	Not applicable
Other:	Not applicable
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	
Not applicable	

SECTION 15: Regulatory information
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
<p>15.1.1. EU-Regulations Contains no REACH substances with Annex XVII restrictions Contains no substance on the REACH candidate list Contains no REACH Annex XIV substances Contains no substance subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals. Substance(s) are not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC. VOC content: According to Swiss ordinance 814.018, we certify that the product mentioned above does not contain any Volatile Organic Compounds (VOC)</p> <p>15.1.2. National regulations Classified in line with 29 CFR</p>
15.2. Chemical safety assessment
No chemical safety assessment has been carried out

SECTION 16: Other information	
Full text of H- and EUH-statements:	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H302	Harmful if swallowed.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.
EUH208	Contains BENZISOTHIAZOLINONE. May produce an allergic reaction.

Notice to Reader

To the best of our knowledge, the information contained herein is accurate. However, neither Wolseley UK, nor any of our subsidiaries, assumes any liability whatsoever for its accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

The information contained on this page was correct at date of issue. Fitting dimensions are provided as a guide only. Some variation may occur due to manufacturing tolerances. We pursue a policy of continuing improvement in design and performance of products and so reserve the right to change specifications without prior notice.

WUK-FRM033 V1

Page 6 of 6



Plumbing

Heating

Cooling

Drainage

Pipe

Parts