

Thermoguard WO

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 and SI 2020/1577

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name Thermoguard WO

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

Identified Use(s) /Uses advised against Paint. For professional and Industrial Use.

Details of the supplier of the safety data sheet

Manufacturer

Company Identification Thermoguard Limited

Address of Manufacturer
Units B1-B2
Enterprise Park
Wigwam Lane
Hucknall
Nottingham

Postal code NG15 7SZ

Telephone: 01142768008

Fax 01624825526

E-mail sales@thermoguard.co.uk

Office hours 08:00 - 17:00

Supplier

Company Identification Thermoguard Limited

Address of Supplier
Units B1-B2
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Wigwam Lane
Hucknall
Nottingham

Postal code NG15 7SZ

Telephone: 01142768008

E-mail sales@thermoguard.co.uk

Office hours 08:00 - 17:00

1.4 Emergency telephone number

Emergency Phone No. 01142 768008. 07858 518430. 07624 485725.

Contact Technical Department

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GB CLP Regulation, UK SI 2019/720 and Not classified as dangerous for supply/use.

UK SI 2020/1567

2.2 Label elements

According to GB CLP Regulations, UK SI 2019/720 and UK SI 2020/1567

Product Name Thermoguard WO

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Hazard Pictogram(s) None.

Signal Word(s) None.

Hazard Statement(s) None.

Precautionary Statement(s) None.

2.3 Other hazards

None known.

2.4 Additional Information

None.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

| HAZARDOUS INGREDIENT(S) | CAS No. | EC No. / Registration number(s) | %W/W | Hazard Statement(s) | Hazard Pictogram(s) |
|--|------------|---------------------------------|------|---------------------|---------------------|
| tris(2-chloro-1-methylethyl) phosphate | 13674-84-5 | 237-158-7 | <5 | Acute Tox. 4 H302 | GHS07 |
| propane-1,2-diol | 57-55-6 | 200-338-0 | <5 | Not classified | None |

For full text of H/P Statements see section 16.

SECTION 4: FIRST AID MEASURES

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4.1 Description of first aid measures

| | |
|--------------|---|
| Inhalation | If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. |
| Skin Contact | Wash skin with water. |
| Eye Contact | Flush eyes with water for at least 15 minutes. |
| Ingestion | Wash out mouth with water. |

4.2 Most important symptoms and effects, both acute and delayed

None anticipated. Treat symptomatically.

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary, treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing media As appropriate for surrounding fire.

Unsuitable extinguishing media None.

5.2 Special hazards arising from the substance or mixture

None anticipated. Heating may cause decomposition.

5.3 Advice for firefighters

As appropriate for surrounding fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Wear suitable gloves if prolonged skin contact is likely.

6.2 Environmental precautions

Do not release large quantities into the surface water or into drains.

6.3 Methods and material for containment and cleaning up

Adsorb spillages onto sand, earth or any suitable adsorbent material.

6.4 Reference to other sections

See Also Section 8, 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Not known.

7.2 Conditions for safe storage, including any incompatibilities

| | |
|------------------------|---------------------------------|
| Storage temperature | Ambient. |
| Storage life | Stable under normal conditions. |
| Incompatible materials | None known. |

7.3 Specific end use(s)

Not known.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

| Occupational Exposure Limits | | | | | | |
|--|---------|---------------------|------------------------------------|------------|---------------------------|------|
| SUBSTANCE. | CAS No. | LTEL (8 hr TWA ppm) | LTEL (8 hr TWA mg/m ³) | STEL (ppm) | STEL (mg/m ³) | Note |
| Propane-1,2-diol total vapour and particulates | 57-55-6 | 150 | 474 | | | |
| Propane-1,2-diol particulates | 57-55-6 | | 10 | | | |

Region Source
 United Kingdom UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020)

Remark Notes

8.2 Exposure controls

8.2.1. Appropriate engineering controls Ensure adequate ventilation.

8.2.2. Personal protection equipment



Eye Protection Wear eye protection with side protection (EN166).



Skin protection Not normally required.



Respiratory protection Normally no personal respiratory protection is necessary.



Thermal hazards None known.

8.2.3. Environmental Exposure Controls Do not release large quantities into the surface water or into drains.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance Liquid.
 Colour : Not known.

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| | |
|--|--|
| Odour | Characteristic odour |
| Odour threshold | Not known. |
| pH | Not known. |
| Melting point/freezing point | Not known. |
| Initial boiling point and boiling range | 100 C |
| Flash Point | Not known. |
| Evaporation rate | Not known. |
| Flammability (solid, gas) | Not known. |
| Upper/lower flammability or explosive limits | Not known. |
| Vapour pressure | 2.3 kPa @20 C |
| Vapour density | Not known. |
| Density (g/ml) | Not known. |
| Relative density | 1.42 |
| Solubility(ies) | Solubility (Water) : Miscible Solubility (Other) : Not known. |
| Partition coefficient: n-octanol/water | Not known. |
| Auto-ignition temperature | Not known. |
| Decomposition Temperature (°C) | Not known. |
| Viscosity | Viscous |
| Explosive properties | Not known. |
| Oxidising properties | Not known. |
| 9.2 Other information | None. |

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

None anticipated.

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

None anticipated.

10.5 Incompatible materials

Not known.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity - Ingestion Calculation method : Not classified.

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| | |
|--------------------------------|--|
| | Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 17241.38000 |
| Acute toxicity - Skin Contact | Calculation method : Not classified. |
| Acute toxicity - Inhalation | Calculation method : Not classified. |
| Skin corrosion/irritation | Calculation method : Not classified. |
| Serious eye damage/irritation | Calculation method : Not classified. |
| Skin sensitization data | Calculation method : Not classified. |
| Respiratory sensitization data | Calculation method : Not classified. |
| Germ cell mutagenicity | Calculation method : Not classified. |
| Carcinogenicity | Calculation method : Not classified. |
| Reproductive toxicity | Calculation method : Not classified. |
| Lactation | Calculation method : Not classified. |
| STOT - single exposure | Calculation method : Not classified. |
| STOT - repeated exposure | Calculation method : Not classified. |
| Aspiration hazard | Calculation method : Not classified. |

11.2 Other information

Not known.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

| | |
|------------------------------------|--------------------------------|
| Toxicity - Aquatic invertebrates | Low toxicity to invertebrates. |
| Toxicity - Fish | Low toxicity to fish. |
| Toxicity - Algae | Low toxicity to algae. |
| Toxicity - Sediment Compartment | Not classified. |
| Toxicity - Terrestrial Compartment | Not classified. |

12.2 Persistence and degradability

Not known.

12.3 Bioaccumulative potential

Not known.

12.4 Mobility in soil

Not known.

12.5 Results of PBT and vPvB assessment

Not known.

12.6 Other adverse effects

Not known.

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SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose at suitable refuse site.

13.2 Additional Information

No special precautions are required for this product.

SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

14.1 UN number

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packing group

Not applicable

14.5 Environmental hazards

Not classified as a Marine Pollutant.

14.6 Special precautions for user

Not known

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not known

SECTION 15: REGULATORY INFORMATION

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

United Kingdom Regulations - Authorisations and/or Restrictions On Use

UK REACH Candidate List of Substances Not listed

of Very High Concern for Authorisation

UK REACH Authorisation List (Annex Not listed

XIV) list of substances subject to

authorisation

UK REACH Restrictions List (Annex XVII) tris(2-chloro-1-methylethyl) phosphate (13674-84-5)

Restrictions on the manufacture, placing

on the market and use of certain

dangerous substances, mixtures and

articles

UK REACH Rolling Action Plan (RAP) Not listed

The Persistent Organic Pollutants Not listed

Regulations 2007 (SI 2007/3106) as

amended

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The Ozone-Depleting Substances and Fluorinated Greenhouse Gases (Amendment etc.) (EU Exit) Regulations 2019 (SI 2019/583)

Not listed

The Prior Informed Consent (PIC) Regulations concerning the export and import of hazardous chemicals SI2008/2108 as amended

Not listed

European Regulations - Authorisations and/or Restrictions On Use
Community Rolling Action Plan (CoRAP)

Not listed

15.2 Chemical Safety Assessment

United Kingdom

A REACH chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

LEGEND

Hazard Pictogram(s)

None.

GHS07: GHS: Exclamation mark

Hazard classification

Acute Tox. 4 : Acute toxicity, Category 4

Hazard Statement(s)

H302: Harmful if swallowed.

Precautionary Statement(s)

None.

Acronyms

ATE : Acute Toxicity Estimate
CAS : Chemical Abstracts Service
DNEL : Derived No Effect Level
EC : European Community

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EINECS : European Inventory of Existing Commercial Chemical Substances

LTEL : Long term exposure limit

PBT : Persistent, Bioaccumulative and Toxic

PNEC : Predicted No Effect Concentration

REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals

STEL : Short term exposure limit

STOT : Specific Target Organ Toxicity

vPvB : very Persistent and very Bioaccumulative

Key literature references and sources for GB CLP Regulation, UK SI 2019/720 and UK SI 2020/1567 data used to compile the SDS

Disclaimers

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