

Safety Data Sheet

Stainbrick Colour Concentrate

Prepared in accordance with Annex II of the REACH Regulation EC 1907/2006,
Regulation (EC) 1272/2008 and Regulation (EC) 453/2010

CC05-19-SDS8 Date of issue: 17/06/2022 (Supersedes 12/05/2019)

SECTION 1. IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1 Product identifier

Substance name:	Liquid Colour Concentrate
Synonyms:	Iron Oxide Pigment Dispersion
Product Form:	Thick Liquid
Main Chemical Name/Formula:	Ferric Oxide
Trade Name:	Stainbrick

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

1.2.1 Relevant identified uses

Use of substance:	The substance is intended as a colouring agent for clay bricks and masonry
Use of substance:	Colour modifier for brick and mortar repair work

1.2.2 Uses advised against:

None Identified

1.3 Details of the supplier of the safety data sheet:

Name:	Stainbrick
Address:	Malt Kiln Farm Low Road, Pentney, King's Lynn, Norfolk, PE32 1JF, United Kingdom.
Phone Number:	+44(0)1795 871077
Email:	mail@stainbrick.com

1.4 Emergency telephone number

Emergency number:	+44(0)1760 338898
-------------------	-------------------

Safety Data Sheet

Stainbrick Colour Concentrate

Prepared in accordance with Annex II of the REACH Regulation EC 1907/2006,
Regulation (EC) 1272/2008 and Regulation (EC) 453/2010

CC05-19-SDS8 Date of issue: 17/06/2022 (Supersedes 12/05/2019)

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance

The product is classified and labelled according to the CLP regulation

2.1.1 Classification according to Regulation (EC) 1272/2008

Not Classified

2.2 Label elements

2.2.1 Labelling according to Regulation (EC) 1272/2008 (CLP)

No labelling applicable

2.3 Other Hazards: No other hazards identified.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable

3.2 Mixtures

Does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH annex II

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice:

No known delayed effects. Consult a physician for all exposures except for minor instances.

Following inhalation

Assure fresh air breathing. Allow victim to rest.

Following skin contact

Carefully and gently wipe the contaminated body surfaces to remove all traces of product.
Wash affected area immediately with mild soap and water. Remove contaminated clothing. If necessary seek medical advice.

Following eye contact

Rinse eyes immediately with plenty of water and seek medical advice.

Following ingestion

Clean mouth with water. Drink plenty of water afterwards. Do NOT induce vomiting. Seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Not expected to present a significant hazard under anticipated conditions of use

4.3 Indication of any immediate medical attention and special treatment needed

Follow the advises given in section 4.1

SECTION 5. FIREFIGHTING MEASURES

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Foam, Dry powder, Carbon dioxide, Water spray, Sand.

5.1.2 Unsuitable extinguishing media

Do not use heavy water stream.

5.2 Special hazards arising from the substance or mixture

No additional information available.

5.3 Advice for fire fighters

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Safety Data Sheet

Stainbrick Colour Concentrate

Prepared in accordance with Annex II of the REACH Regulation EC 1907/2006,
Regulation (EC) 1272/2008 and Regulation (EC) 453/2010

CC05-19-SDS8 Date of issue: 17/06/2022 (Supersedes 12/05/2019)

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

Adhere to personal protection rules (refer to sections 7 and 8)

Avoid contact with skin, eyes, and clothing – wear suitable protective equipment (see section 8).

6.1.2 For emergency responders

Avoid contact with skin, eyes, and clothing – wear suitable protective equipment (see section 8).

6.2 Environmental precautions

Don't allow product to enter soil, sewage system or any ground water course. Adhere to local governmental rules and regulations. In the case of ground contamination inform the relevant authorities immediately.

6.3 Methods and material for containment and cleaning up

Plug drainage courses.

Absorb with liquid-binding material (Sand, diatomite, acid binders, universal binders, sawdust).

Flush residues with plenty of water.

Dispose of the residue materials according to the regulations.

Thoroughly clear contamination.

6.4 Reference to other sections

For more information on exposure controls/personal protection or disposal considerations, please check section 8 and 13 of this safety data sheet.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.

Keep receptacles tightly sealed. Ensure good ventilation/extraction in the workplace.

7.2 Conditions for safe storage, including any incompatibilities

Storage: Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.

7.3 Specific end use(s)

No additional information available

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

General protective and hygienic measures:

Immediately remove all soiled and contaminated clothing. Avoid contact with the eyes and skin. hands before breaks and at the end of work.

8.1 Control parameters

No additional information available

8.2 Exposure controls

Appropriate protective equipment is recommended. Eye protection equipment (e.g. goggles or visors) must be worn. Additionally, face protection, protective clothing and safety shoes are required to be worn as appropriate.

Do not eat, smoke or drink in the workplace.

Please check the relevant exposure scenario via your supplier.

Safety Data Sheet

Stainbrick Colour Concentrate

Prepared in accordance with Annex II of the REACH Regulation EC 1907/2006,
Regulation (EC) 1272/2008 and Regulation (EC) 453/2010

CC05-19-SDS8 Date of issue: 17/06/2022 (Supersedes 12/05/2019)

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: Thick liquid

Colour: Various

Odour: Barely perceptible odour

Odour threshold: not applicable

pH: 7

Melting point: Undetermined

Boiling point: 100 °C

Flash point: not applicable

Evaporation rate: not applicable

Flammability: non flammable

Explosive limits: non explosive

Vapour pressure: not applicable

Vapour density: not applicable

Relative density: 1.2 – 1.4

Solubility: No data available

Partition coefficient: not applicable (inorganic substance)

Auto ignition temperature: no relative self-ignition temperature below 400 °C

Decomposition temperature: not applicable

Viscosity: not determined

Oxidising properties: no data available

9.2 Other information

Not available

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal conditions

10.2 Chemical stability

Under normal conditions of use the product is stable.

10.3 Possibility of hazardous reactions

No dangerous reactions known under normal conditions and use.

10.4 Conditions to avoid

None identified

10.5 Incompatible materials

Strong acids and bases.

10.6 Hazardous decomposition products

Carbon monoxide, Carbon dioxide

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

a. Acute toxicity	Not classified
b. Skin corrosion/irritation	Not classified
c. Serious eye damage/irritation	Not classified
d. Respiratory or skin sensitisation	Not classified
e. Germ cell mutagenicity	Not classified
f. Carcinogenicity	Not classified
g. Reproductive toxicity	Not classified
h. STOT-single exposure	Not classified
i. STOT-repeated exposure	Not classified
j. Aspiration hazard	Not known to present an aspiration hazard.

Safety Data Sheet

Stainbrick Colour Concentrate

Prepared in accordance with Annex II of the REACH Regulation EC 1907/2006,
Regulation (EC) 1272/2008 and Regulation (EC) 453/2010

CC05-19-SDS8 Date of issue: 17/06/2022 (Supersedes 12/05/2019)

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity

12.1.1 Acute/Prolonged toxicity to fish

No data available

12.1.2 Acute/Prolonged toxicity to aquatic invertebrates

No data available

12.1.3 Acute/Prolonged toxicity to aquatic plants

No data available

12.1.4 Toxicity to micro-organisms e.g. bacteria

No data available

12.1.5 Chronic toxicity to aquatic organisms

No data available

12.1.6 Toxicity to soil dwelling organisms

No data available

12.1.7 Toxicity to terrestrial plants

No data available

12.1.8 General effect

Does not accumulate in organisms

12.1.9 Further information

None available

12.2 Persistence and degradability

Not relevant for inorganic substances

12.3 Bioaccumulative potential

Not relevant for inorganic substances

12.4 Mobility in soil

Mobile in water environment

12.5 Results of PBT and vPvB assessment

Not relevant for inorganic substances

12.6 Other adverse effects

No other adverse effects are identified

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product/Packaging disposal recommendations: Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials: Avoid release to the environment.

SECTION 14. TRANSPORT INFORMATION

Not classified as hazardous for transport [ADR (Road), RID (Rail), AND (inland waterways), IMDG (Sea), (ICAO/IATA)].

14.1 UN-Number

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class

Not applicable

14.4 Packing group

Not applicable

14.5 Environmental hazards

None

14.6 Special precautions for user

Not applicable

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

Not regulated.

Safety Data Sheet

Stainbrick Colour Concentrate

Prepared in accordance with Annex II of the REACH Regulation EC 1907/2006,
Regulation (EC) 1272/2008 and Regulation (EC) 453/2010

CC05-19-SDS8 Date of issue: 17/06/2022 (Supersedes 12/05/2019)

SECTION 15. REGULATORY INFORMATION

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

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

15.2 Chemical safety assessment

No data available

SECTION 16. OTHER INFORMATION

Data sources : 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 amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

Disclaimer

This safety data sheet (SDS) is based on the legal provisions of the REACH Regulation (EC 1907/2006; article 31 and Annex II), as amended. Its contents are intended as a guide to the appropriate precautionary handling of the material. It is the responsibility of recipients of this SDS to ensure that the information contained therein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. Information and instructions provided in this SDS are based on the current state of scientific and technical knowledge at the date of issue indicated. It should not be construed as any guarantee of technical performance, suitability for particular applications, and does not establish a legally valid contractual relationship.
