

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

1.0 Product Name: HATCRETE Colourmix

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

Identified Uses: Granules for the colouration of concrete, mortars and cementitious material.

1.3 Details of the supplier of the Safety Data Sheet:

Name of Supplier: HATCRETE
Address of Supplier: Unit 2 & 4
Red Shute Hill Ind Estate
Hermitage
Newbury
Berkshire
RG18 9QL
UK
Telephone: +44 (0) 1635 202224
Email: Info@picsuk.com

1.4 Emergency telephone number:

Emergency Telephone: +44 (0) 1635 202224
(office hours only Mon– Fri 08:00 – 17:30)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

- Classification (SI 2019 No. 720).

- **Physical Hazards:** Not Classified
- **Health Hazards:** Not Classified
- **Environmental Hazards:** Not Classified
- **Human Health:** Skin contact may cause irritation due to mechanical action on sensitive skin. Eye contact causes irritation due to mechanical action and secretion of tears. Inhalation causes coughing, sneezing and respiratory problems. Ingestion may cause stomach ache, vomiting and diarrhoea.

2.2 Label elements:

Hazard statements:

- Not classified.

Supplemental hazard information (EU):

- None.

2.3 Other hazards:

- **Hazard Statements:** The anionic dispersants used for these preparations are not classified as hazardous. This product does not contain any substances classified as PBT or vPvB. The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.1 Substances:****3.2 Mixtures:**

Chemical Name	Conc.	CAS No.	EC No.	Classification (REGULATION (EC) No 1272/2008) [CLP/GHS]	REACH Registration Number	WEL/OEL
Carbon black	0 – 100%	1333-86-4	215-609-9	Not Classified	-	Yes
Titanium dioxide	0 – 100%	13463-67-7	236-675-5	Not Classified	01-2119489379-17XXXX	Yes
Limestone	<1%	1317-65-3	215-279-6	Not Classified	-	Yes
Iron Oxide Black	0 – 100%	1317-61-9	215-277-5	Not Classified	01-4172695884-0-0010	Yes
Iron Oxide Yellow	0 – 100%	51274-00-1	257-098-5	Not Classified	01-5093526672-1-0006	Yes
Iron Oxide Red	0 – 100%	1309-37-1	215-168-2	Not Classified	01-5722142175-3-0008	Yes
Propylidynetrimethanol (TMP)	<1%	77-99-6	201-074-9	Repr.2 – H361fd	-	Yes

The full text for all hazard statements is displayed in Section 16.

SECTION 4: FIRST-AID MEASURES**4.1 Description of first aid measures:**

- **General information:** Remove contaminated clothes.
- **Contact with eyes:** Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.
- **Contact with skin:** Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
- **Ingestion:** Give plenty of water to drink. Never give anything by mouth to an unconscious person. Get medical attention if any discomfort continues.
- **Inhalation:** Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

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

- **Contact with eyes:** Eye contact causes irritation due to mechanical action and secretion of tears.
- **Contact with skin:** Skin contact may cause irritation due to mechanical action on sensitive skin.

- **Ingestion:** Ingestion may cause stomach ache, vomiting and diarrhoea.
- **Inhalation:** Inhalation causes coughing, sneezing and respiratory problems.

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

- No specific recommendations.
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SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

- In case of fire use foam, carbon dioxide, dry powder or water fog.

5.2 Special hazards arising from the substance or mixture

- The product is non-combustible. Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m³.

5.3 Advice for firefighters

- Dispose of material resulting from fire extinguishing according to local regulations.
 - Use air-supplied respirator, gloves and protective goggles.
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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

- Avoid contact with skin and eyes. Avoid inhalation of dust. Wear dust mask if necessary.

6.2 Environmental precautions:

- Do not discharge into drains or watercourses or onto the ground.

6.3 Methods and material for containment and cleaning up:

- Avoid generation and spreading of dust.
- Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like.
- Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate.
- Do not use compressed air for cleaning.

6.4 Reference to other sections:

- See Section 8.
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SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

- Use mechanical ventilation if there is a risk of handling causing formation of airborne dust.
- Observe any occupational exposure limits for the product or ingredients.
- Avoid inhalation of dust.
- Provide sufficient means of filtration of exhausted air.

7.2 Conditions for safe storage, including any incompatibilities:

- Store in tightly-closed, original container in a dry and cool place. No specific recommendations.
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- Keep away from food, drink and animal feeding stuffs.
- Removal of the polyethylene film may cause electrostatic charge, therefore removal should NOT be carried out where this could be dangerous.

7.3 Specific end use(s):

- The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

- **Ingredient comments:** Total respirable dust 3mg/m³ - 8hr TWA.

8.2 Exposure controls:

- Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.
- It is recommended that gloves are made of the following material: Polyvinyl chloride (PVC).Rubber (natural, latex).
- Provide eyewash station.
- Wear appropriate clothing to prevent repeated or prolonged skin contact.
- Wear a respirator fitted with the following cartridge: Particulate filter, type P1.
- All machinery used handling the product in powder form (packing unit, blenders, dryers) have to be provided with sufficient exhaust ventilation and air filter systems to avoid contamination of working area and the environment.



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

- **Appearance:** Granules, Various Colours.
- **Odour:** Odourless.
- **Odour threshold:** Not Applicable.
- **pH:** pH (diluted solution): 6-10 @ 10%.
- **Melting point/freezing point:** Not Applicable.
- **Flashpoint:** Not Applicable.
- **Evaporation rate:** Not Applicable.
- **Flammability (solid gas):** Not Applicable.
- **Upper/lower flammability or explosive limits:** Non-Flammable.
- **Vapour pressure:** Not Applicable.
- **Vapour density:** Not Applicable.
- **Relative density:** ~ 4.6.
- **Bulk density:** ~ 1.3 kg/l.
- **Solubility(ies):** Insoluble in water. Organic solvents. Dispersible in water. Soluble in the following materials:
 - Mineral acids.

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- **Autoignition temperature:** Not Applicable.
 - **Decomposition temperature:** No information available.
 - **Viscosity:** Not Applicable

9.2 Other information:

- No information available.
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SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

- There are no known reactivity hazards associated with this product.

10.2 Chemical stability:

- Above 80°C black iron oxide transforms to red iron oxide.

10.3 Possibility of hazardous reactions:

- Not applicable.

10.4 Conditions to avoid:

- Avoid exposure to high temperatures or direct sunlight.

10.5 Incompatible materials:

- Substances subject to catalytic decomposition caused by dust such as peroxides.
- Further avoid contact with aluminium dust, calcium hypochlorite, hydrazine, ethylene oxide, caesium carbide.

10.6 Hazardous decomposition products:

- No known hazardous decomposition products.
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SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

Acute Toxicity

- LD50 (oral, rat) – 5,000.0 mg/kg

11.2 Information on other hazards:

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity:

- **Acute aquatic - toxicity**
- **Acute toxicity – fish:** LC50, 48 hours: > 1000 mg/l, *Leuciscus idus* (Golden orfe)

12.2 Persistence and degradability:

- The product is not expected to be biodegradable.
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12.3 Bioaccumulative potential:

- No data available on bioaccumulation.

12.3 Mobility in soil:

- The product is insoluble in water and will sediment in water systems.

12.5 Results of the PBT and vPvB assessment:

- This product does not contain any substances classified as PBT or vPvB.

12.6 Other adverse effects:

- **Endocrine disrupting properties:** The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
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SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

- Disposal should be in accordance with local, state or national legislation.
- Dispose of contents/container to an authorised waste collection point.
- This material and its container must be disposed of as hazardous waste.
- Do not reuse empty containers without commercial cleaning or reconditioning.
- Do not pierce or burn container, even after use.

13.2 Classification:

- The waste must be identified according to the list of wastes (2000/532/EC).
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SECTION 14: TRANSPORT INFORMATION

14.1 UN number:

- Not applicable.

14.2 UN proper shipping name:

- Not applicable.

14.3 Transport hazard class(es):

- No transport warning sign required.

14.4 Packing group:

- Not applicable.

14.5 Environmental hazards:

- Environmentally hazardous substance/marine pollutant
No.

14.6 Special precautions for user:

- Not applicable.

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

- Not applicable.
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14.8 Road/Rail (ADR/RID):

- Proper shipping name: Not applicable.
- ADR UN NO.: Not applicable.
- ADR hazard class: Not applicable.
- ADR packing group: Not applicable.
- Tunnel code: Not applicable.

14.9 Sea (IMDG):

- Proper shipping name: Not applicable.
- IMDG UN No.: Not applicable.
- IMDG Hazard Class: Not applicable.
- IMDG Pack Group: Not applicable.

14.10 Air (ICAO/IATA):

- Proper Shipping Name: Not applicable.
 - ICAO UN No.: Not applicable.
 - ICAO Hazard Class: Not applicable.
 - ICAO Packing Group: Not applicable.
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SECTION 15: REGULATORY INFORMATION

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

- The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 (SI 2020 No. 1577) (as amended). The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716). The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).
- Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP). Commission Regulation (EC) 790/2009, 1st ATP of CLP. Commission Regulation (EU) No 453/2010 on Safety Data Sheets.

15.2 Chemical Safety Assessment:

- A REACH chemical safety assessment has not been carried out as non-hazardous material.
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SECTION 16: OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall only be used as a guide. The company will not be held liable for any damage resulting from handling or from contact with this product.

- Sources of data: Information from published literature and internal company data

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

- Not Classified.

Text not given with phrase codes where they are used elsewhere in this safety data sheet:

- None assigned.
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Acronyms

CAS: Chemical Abstracts Service.

DNEL: Derived No-Effect Level.

EC: European Community.

EC50: Effective Concentration, 50%.

GHS: Globally Harmonised System.

LC50: Lethal Concentration, 50%.

LD50: Lethal Dose, 50%.

NOAEL: No observed adverse effect level.

OEL: Occupational Exposure Limit.

PBT: Persistent, Bioaccumulative and Toxic.

PNEC: Predicted No-Effect Concentration.

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals.

STOT RE: Specific Target Organ Toxicity Repeated Exposure.

STOT SE: Specific Target Organ Toxicity Single Exposure vPvB: very Persistent and very Bioaccumulative.

WEL: Workplace Exposure Limit.

—End of Safety Data Sheet—