



Safety Data Sheet

Metro Ortho

Section 1 - Product and Company Identification

Issue Date: 08/05/21

Product Identification: Metro Ortho

Product Synonym: Dental Stone

Product Class/Use: Gypsum

Company Name: Metrodent Limited

Company Address:

Lowergate Works, Lowergate,

Paddock, Huddersfield

HD3 4EP United Kingdom

General Information Telephone: 01484 461616

Emergency Telephone: Not required by regulations.

Section 2 - Composition/Information on Ingredients

SUBSTANCE	CAS No.	EINECS	Symbols	Concentration, %
Plaster of Paris	26499-65-0	None	None	95 – 100
Crystalline Silica	148-60-7	None	None	< 1
Titanium dioxide	13463-67-7	236-675-5	None	< 3

Section 3 - Hazards Identification, Including Emergency Overview

Eyes: Particles may cause mild irritation

Skin: May dry skin over prolonged exposure

Inhalation: Large amounts of dust may cause nuisance conditions – coughing, sneezing and nasal irritation

Ingestion: If wetted it may cause obstruction

Section 4 - First Aid Measures

Eyes: Flush eyes with ample water for 15 minutes. If irritation develops, seek medical attention.

Skin: Wash contaminated area with water.

Inhalation: Remove to fresh air. If breathing difficulties occur, seek medical attention.

Ingestion: Gypsum products will harden when wetted and may cause obstruction, seek medical attention immediately

Section 5 - Fire Fighting Measures

Flash Point: None

Extinguishing Media: Do not use water as it may cause the product to solidify, not combustible

Special Fire Fighting Procedures: None

Unusual Fire & Explosion Hazards: None

Section 6 - Accidental Release Measures

Spill or Leak Procedures: Sweep or vacuum up material and place into waste container for disposal. Avoid washing down drains as material can plug them. If some does go down the drain flush a lot of water down the drain for 10 – 15 minutes.

Waste Disposal Method: Dispose in accordance with Local, State and Federal regulations.



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Section 7 - Handling and Storage

Handling: Maintain a proper ventilation and vacuum system. Do not allow dust to collect on ledges, floors, machinery or equipment. Wash hands after handling.

Storage: Keep container closed and store up off the floor in a dry clean area.

Section 8 - Exposure Controls & Personal Protection

Respiratory Protection: Use proper ventilation and a NIOSH approved respiratory mask.

Eye Protection: Use NIOSH approved safety glasses.

Skin Protection: Wear chemical resistant gloves.

Section 9 - Physical & Chemical Properties

Boiling Point: N/A

Appearance: Powder

Melting Point: 2372°F to 2610°F

Odor: Odorless

Density / Specific Gravity: 2.20 - 2.85

Solubility in water: 0.2%

Section 10 - Stability & Reactivity Data

Stability: Stable

Hazardous Decomposition Products: Above 1300°F - CaO

Incompatibility: Acids

Polymerization: Will not occur

Section 11 - Toxicological Information

Inhalation: Excessive dust over a prolonged period may result in lung damage.

Chronic Effects: Not available.

Toxic Effects: Not available.

Section 12 - Ecological Information

Ecotoxicological: Not available. Generally considered chemically inert in the environment. Not dangerous to water life.

Section 13 - Disposal Considerations

Waste Disposal Methods: Waste is not hazardous as defined by RCRA (40CFR 261). Avoid washing down drains as material can plug it. Follow all Federal, State, and Local regulations.

Section 14 - Transport Information

U.S. DOT Information: Non hazardous, not regulated.

Section 15 - Regulatory Information

SARA III information: For purposes of SARA III reporting, this product contains no ingredients on the Extremely hazardous CERCLA, or section 313 lists.

SARA Extremely Hazardous Substances 40 CFR 370: Acute

CERCLA: This product is not listed with CERCLA (40 CFR 117, 302)

OSHA Hazardous Communication Standard (29 CFR 1910.1200): Contains material considered hazardous.

ICAO/IATA-DGR: Not applicable.



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Section 16 - Other Information

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