



SAFETY DATA SHEET

1. PRODUCT AND COMPANY NAME

Product Name	Calcium Carbonate
Distributor/Agent	7D Holdings SA (Pty) Ltd
Address	Unit E26, U Can Store Storage 30 Elandclose Alberton, 1449 Johannesburg, RSA
Telephone Number	+27 (0)11 057 6755
Fax Number	+27 (0)86 733 8598
Email	info@7dholdings.com/ sales@7dholdings.com
Country of Manufacture	South Africa

Hazards Identification

REACH No: 01-2119486795-18-xxxx

Signal Word:

Supplemental Hazard Information: Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Additional Hazard Information: This substance contains no components considered to be either persistent, bio-accumulative and toxic (PBT), or very persistent and very bio-accumulative (vPvB) at levels of 0.1% or higher.

Hazards statements

Precautionary statements

Composition of Chemical



Material Safety Data Sheet (MSDS)

Chemical Formula : CaCO_3

EC No 1272/2008: 01-2119486795-18-xxxx

First Aid Measures

General Advice: Consult a physician if feeling unwell.

If: Inhaled: Move person into fresh air. If not breathing, give artificial respiration.

If: Skin Contact: Wash off with soap and plenty of water.

If: Eye Contact: Flush eyes with water as a precaution.

If: Swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water.

Important Symptoms: No Data Available

Immediate Medical Attention: No Data Available

Firefighting Measures

Extinguishing Media: Use Water spray, Alcohol-resistant foam, Dry chemical or Carbon Dioxide.

Hazards Arising: Not combustible.

Calcium Oxide.

Advice for Firefighters: Wear self contained breathing apparatus for fire fighting if necessary.

Info for Firefighting: No Data Available

Accidental Release Measures

Personal Precautions: Avoid dust formation.

Avoid breathing vapours, mist or gas.

Ensure adequate ventilation.

Environmental Precautions: Prevent further leakage or spillage if safe to do so.

Do not let product enter drains.

Discharge into the environment must be avoided.

Method for Containment: Pick up and arrange disposal without creating dust.

Sweep up and shovel.

Keep in suitable, closed containers for disposal.

Handling and Storage

Personal Precautions: Provide appropriate exhaust ventilation at places where dust is formed.



Material Safety Data Sheet (MSDS)

Environmental Precautions: Store in cool, dry place.
Keep container tightly closed in a dry and well-ventilated place.
Hygroscopic.

Exposure Controls | Personal Protection

Derived No Effect Level (DNEL)

Workers | Application Area | Exposure Routes | Health Effect | Value

No Data Available

Consumers | Application Area | Exposure Routes | Health Effect | Value

No Data Available

Predicted No Effect Concentration (PNEC)

No Data Available

Engineering Controls: General industrial hygiene practice.

Eye/Face Protection: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin Protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Full contact -

Material: Nitrile rubber. Minimum layer thickness: 0,11 mm

Break through time: 480 min. Material tested: Dermatril®

Splash contact -

Material: Nitrile rubber. Minimum layer thickness: 0,11 mm

Break through time: 480 min. Material tested: Dermatril®

Data source: KCL GmbH, D-36124 Test method: EN374

If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body Protection: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.

Respiratory Protection: Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).



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Physical and Chemical Properties

Appearance: White powder or crystals

Odour: No Data Available

Odour Threshold: No Data Available

pH: No Data Available

Melting Point: Melting point/freezing point: 800 °C (Decomposes on heating).

Boiling Point: No Data Available

Flash Point: No Data Available

Evaporation: No Data Available

Flammability: No Data Available

Upper/Lower Flammability or Explosive Limits: No Data Available

Vapour pressure: No Data Available

Vapour density: No Data Available

Relative density: No Data Available

Water solubility: Very slightly soluble

Partition Coefficient: No Data Available

Auto-ignition Temperature: No Data Available

Decomposition Temperature: No Data Available

Viscosity: No Data Available

Explosive properties: No Data Available

Oxidizing properties: No Data Available

Other Safety Info: No Data Available

Stability and Reactivity

Reactivity: No Data Available

Chemical Stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: No Data Available

Conditions to Avoid: Exposure to moisture may affect product quality.

Incompatible Materials: Strong oxidizing agents, Acids, Magnesium, Aluminium

Hazardous Decomposition Products: Hazardous decomposition products formed under fire conditions - Calcium Oxide



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Toxicological Information

Acute Toxicity: LD50 Oral - Rat - female - > 2.000 mg/kg - (OECD Test Guideline 420).

LC50 Inhalation - Rat - male and female - 4 h - > 3 mg/l - (OECD Test Guideline 403).

LD50 Dermal - Rat - male and female - > 2.000 mg/kg - (OECD Test Guideline 402).

Skin Corrosion/Irritation: Reconstructed human epidermis (RhE) -

Result: No skin irritation - 15 min - (OECD Test Guideline 439)

Serious Eye damage | Eye Irritation: Bovine cornea -

Result: No eye irritation - 4 h - (OECD Test Guideline 437).

Cell Mutagenicity: Ames test -

Escherichia coli/Salmonella typhimurium - Result: negative.

Mutagenicity (mammal cell test): chromosome aberration:

Human lymphocytes - Result: negative.

In vitro mammalian cell gene mutation test:

Mouse lymphoma cells - Result: negative.

Carcinogenicity: IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity: No Data Available

Specific Target Organ Toxicity - Single Exposure: No Data Available

Specific Target Organ Toxicity - Repeated Exposure: No Data Available

Aspiration Hazard: No Data Available

Ecological Information

Ecological Toxicity: Toxicity to fish:

semi-static test LC50 - Oncorhynchus mykiss (rainbow trout) - > 100 mg/l - 96 h - (OECD Test Guideline 203).

Toxicity to daphnia and other aquatic invertebrates:

static test EC50 - Daphnia magna (Water flea) - > 100 mg/l - 48 h - (OECD Test Guideline 202).

Toxicity to algae:

static test ErC50 - Desmodesmus subspicatus (green algae) - 14 mg/l - 72 h - (OECD Test Guideline 201).

Toxicity to bacteria:

static test EC50 - activated sludge - > 1.000 mg/l - 3 h - (OECD Test Guideline 209).

Ecological Persistence and degradability: Biodegradability:

Aerobic - Exposure time 28 d - Result: 90 % - Readily biodegradable - (OECD Test Guideline 301B).

Bioaccumulative Potential: No Data Available

Mobility in Soil: No Data Available



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Results of PBT and vPvB Assessment: This substance contains no components considered to be either persistent, bio-accumulative and toxic (PBT), or very persistent and very bio-accumulative (vPvB) at levels of 0.1% or higher.

Other Adverse Effect: No ecological problems are to be expected when the product is handled and used with due care and attention.

Disposal Considerations

Waste Treatment Methods: Product -

Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging - Dispose of as unused product.

Transport Information

UN Number: ADR/RID: -

IMDG: -

IATA: -

UN Shipping Hazard: ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

Transport Hazard Class: ADR/RID: -

IMDG: -

IATA: -

Packaging Group: ADR/RID: -

IMDG: -

IATA: -

Environmental Hazards: ADR/RID: no

IMDG Marine pollutant: no

IATA: no

Special Precautions: No Data Available

Regulatory Information

Safety, Health and environmental regulations: This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Chemical Safety Assessment: For this product a chemical safety assessment was not carried out.

Additional Info: Hazardous properties cannot be excluded but are unlikely when the product is handled appropriately.

Handle in accordance with good industrial hygiene and safety practice.

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.