J.M. HUBER MICROPOWDERS

# Safety Data Sheet

## HuberCal® 500 Elite

**This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**
**COMMISSION REGULATION (EU) No. 2015/830**

**Issue Date:** 26/May/2020 **Revision Number:** 1.3
**Print Date:** 30/Apr/2021 

# SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

**Product Name:** **HuberCal® 500 Elite**

| Chemical Name | CAS Number | EC No | REACH registration number | (CLP) Regulation (EC 1272/2008) | Weight-% |
|---|---|---|---|---|---|
| Calcium Carbonate | 471-34-1 | 207-439-9 | Exempt | Not classified | 100 |

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

**Recommended Use** Food additive Dietary Supplement Pharmaceutical bulk excipient

**Uses advised against** None known.

### 1.3. Details of the supplier of the safety data sheet

**Company:**
J.M. Huber Micropowders, Inc.
3100 Cumberland Boulevard, Suite 600
Atlanta, GA 30339 USA
Tel: +1 678 247-7300

**Internet** www.hubermaterials.com

**E-mail** hubermaterials@huber.com

**1.4. Emergency telephone number** CHEMTREC: +1 800 424 9300 or International +1 703 527 3887

**Poison control center phone number** National Anti-Poison Center UK: +44 844 892 0111 (National Poisons Information Service)

# SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**(CLP) Regulation (EC 1272/2008)** Not classified

**Hazards identification**

**Physical Hazard** Not classified

**Health Hazards** Not classified

**Environmental Hazard** Not classified

**2.2. Label elements**

**Symbols/Pictograms** None

**Signal Word** None

**Hazard Statements** None

**Precautionary Statements**

**Prevention** Employ good industrial hygiene practice
Wash hands thoroughly after handling

**Response** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
IF ON SKIN: Wash with plenty of soap and water

**Storage** Keep in a dry place
Store away from incompatible materials

**Disposal** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**2.3. Other hazards** No information available.

# SECTION 3: Composition/information on ingredients

| Chemical Name | CAS Number | EC No | REACH registration number | (CLP) Regulation (EC 1272/2008) | Annex | Weight-% |
|---|---|---|---|---|---|---|
| Calcium Carbonate | 471-34-1 | 207-439-9 | Exempt | Not classified | -- | 100 |

# SECTION 4: First aid measures

**4.1. Description of first aid measures**

**General Advice** When in doubt or if symptoms are observed, get medical advice. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

**Eye Contact** In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

**Skin Contact** Wash with plenty of soap and water.

**Inhalation** Do not breathe dust. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

| | |
|---|---|
| **Ingestion** | Rinse mouth thoroughly with water. |
| **Aspiration hazard** | Based on available data, the classification criteria are not met. |
| **Notes to Physician** | Treat symptomatically. |
| **4.2. Most important symptoms and effects, both acute and delayed** | Dust contact with the eyes can lead to mechanical irritation. Contact with dust can cause mechanical irritation or drying of the skin. |
| **4.3. Indication of any immediate medical attention and special treatment needed** | Treat symptomatically. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. |

# SECTION 5: Firefighting measures

**5.1. Extinguishing media**

**Suitable Extinguishing Media**
Use extinguishing agent suitable for type of surrounding fire. Water spray (fog). Dry chemical. Foam. Carbon dioxide (CO2).

**Unsuitable Extinguishing Media**
None known.

**5.2. Special hazards arising from the substance or mixture**
Non-combustible.

**5.3. Advice for firefighters**

**Special protective equipment for firefighters**
Wear a self-contained breathing apparatus and chemical protective clothing.

**Fire-fighting measures**
Water mist may be used to cool closed containers.

# SECTION 6: Accidental release measures

| | |
|---|---|
| **6.1. Personal precautions, protective equipment and emergency procedures** | Avoid dust formation. Ensure adequate ventilation. Use personal protection recommended in Section 8. Keep unauthorized personnel away. |
| **For non-emergency personnel** | Keep unauthorized personnel away. |
| **For emergency responders** | Keep unauthorized personnel away. Use personal protection recommended in |

Section 8.

**6.2. Environmental precautions** Avoid runoff to waterways and sewers.

**6.3. Methods and material for containment and cleaning up** Large Spill: Do not dry sweep dust. Wet dust with water before sweeping or use a vacuum to collect dust Small Spill: Vacuum or sweep material and place in a disposal container

**6.4. Reference to other sections** Section 8: Exposure controls and personal protection. See Section 13 for additional waste treatment information.

# SECTION 7: Handling and storage

**7.1. Precautions for safe handling**
Avoid exposure - obtain special instructions before use
Do not handle until all safety precautions have been read and understood.
Minimize dust generation and accumulation
Ensure adequate ventilation
Handle in accordance with good industrial hygiene and safety practice
Use personal protective equipment as required

**7.2. Conditions for safe storage, including any incompatibilities**
Keep container tightly closed and dry
Store away from incompatible materials

# SECTION 8: Exposure controls/personal protection

**8.1. Control parameters**

**Occupational exposure limits**

**Calcium Carbonate**

| | |
|---|---|
| **ACGIH** | 3 mg/m³ Resirable |
| | 10 mg/m³ Total Dust |
| **OSHA** | 10 mg/m³ |
| **Spain** | 10 mg/m³ |

**Recommended monitoring procedures** Refer also to national guidance documents for information on currently recommended monitoring procedures

**Biological Limit Values:** None

**8.2. Exposure controls**

**Engineering Measures**
Do not handle until all safety precautions have been read and understood
Ensure adequate ventilation, especially in confined areas
Provide a good standard of controlled ventilation (10 to 15 air changes per hour)
Use exhaust ventilation to keep airborne concentrations below exposure limits
In case of insufficient ventilation, wear suitable respiratory equipment

**Personal protective equipment**

| | |
|---|---|
| **Eye/Face Protection** | Wear safety glasses with side shields (or goggles). |
| **Skin and Body Protection** | Wear suitable protective clothing. |
| **Hand protection** | For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn. |
| **Respiratory Protection** | When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. |
| **Thermal hazards** | None known. |
| **Hygiene Measures** | No information available |
| **Environmental Exposure Controls** | Dispose of in accordance with local regulations |

# SECTION 9: Physical and chemical properties

**9.1. Information on basic physical and chemical properties**

| | |
|---|---|
| **Appearance:** | |
| **Physical State** | Solid Powder |
| **Color** | White to off-white |
| **Odor** | Odorless |
| **Odor Threshold** | No information available |
| **pH:** | 8.4-10.2 (5% water suspension) |
| **Melting Point / Melting Range** | Not applicable |
| **Boiling Point / Boiling Range** | Not applicable |
| **Freezing Point** | Not applicable |
| **Flash Point:** | Non-combustible. |
| **Evaporation Rate** | Not applicable. |
| **Flammability (solid, gas)** | Not applicable |
| **Upper flammability limit:** | Not applicable |
| **Lower flammability limit:** | Not applicable |
| **Vapor Pressure** | Not applicable |
| **Vapor Density** | Not applicable |
| **Density** | 2.7 g/cm3 @ 20°C |
| **Relative Density** | No information available |
| **Water Solubility** | 1.3 g/l, 20° C |
| **Solubility in other solvents** | No information available |
| **Partition coefficient** | No information available |
| **Autoignition Temperature** | Not applicable |
| **Decomposition Temperature** | 1292 - 1652 °F (700 - 900 °C) |
| **Viscosity** | Not applicable. |

# SECTION 10: Stability and reactivity

| | |
|---|---|
| **10.1. Reactivity** | Stable under normal conditions |
| **10.2. Chemical stability** | Stable under normal conditions |
| **10.3. Possibility of hazardous reactions** | No specific hazard known |
| **10.4. Conditions to avoid** | Incompatible materials Dust formation |
| **10.5. Incompatible materials** | None known |
| **10.6. Hazardous decomposition products** | None known |

# SECTION 11: Toxicological information

**General Information** Users are advised to consider national Occupational Exposure Limits or other equivalent values.

**Information on Likely Routes of Exposure**

| | |
|---|---|
| **Inhalation** | Avoid inhalation of the product |
| **Skin** | Prolonged or repeated contact may dry skin and cause irritation |
| **Eyes** | Dust contact with the eyes can lead to mechanical irritation |
| **Ingestion** | Ingestion is not a likely route of exposure |
| **Aspiration hazard** | Not an expected route of exposure. |

**11.1. Information on toxicological effects**

**Calcium Carbonate**

| | |
|---|---|
| **Oral LD50** | 6450 mg/kg (rat) |

| | |
|---|---|
| **Acute Toxicity** | Not classified |
| **Respiratory Sensitization** | Based on available data, the classification criteria are not met |
| **Serious eye damage/eye irritation** | Based on available data, the classification criteria are not met |
| **Skin Corrosion/Irritation** | Based on available data, the classification criteria are not met |
| **Skin Sensitization** | Based on available data, the classification criteria are not met |
| **Mutagenicity** | Based on available data, the classification criteria are not met |

| | |
|---|---|
| **Reproductive Toxicity** | Based on available data, the classification criteria are not met. |
| **Carcinogenicity** | This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP. |
| **Specific target organ toxicity - Single exposure** | Based on available data, the classification criteria are not met. |
| **Specific target organ toxicity - Repeated exposure** | Based on available data, the classification criteria are not met. |

## SECTION 12: Ecological information

**12.1. Ecotoxicity** Not considered to be harmful to aquatic life.

**Calcium Carbonate**

**WGK Classification (AwSV)** 317 WGK: nwg

**12.2. Persistence and degradability** No data available.

**12.3. Bioaccumulative potential** No data available.

**Partition coefficient** No information available

**Bioconcentration factor (BCF)** No data available.

**12.4. Mobility in soil** No data available.

**12.5. Results of PBT and vPvB assessment** No data available.

**12.6. Other adverse effects** No information available

## SECTION 13: Disposal considerations

**13.1. Waste treatment methods**

**Disposal Methods** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging** Product residue may remain in empty containers. Empty containers should be taken to an approved waste handling site for recycling or disposal.

**Waste codes** Waste codes should be assigned by the user based on the application for which the product was used

**Calcium Carbonate**

**WGK Classification (AwSV)** 317 WGK: nwg

# SECTION 14: Transport information

**Mode of Transportation (Road, Water, Air, Rail)**

| | |
|---|---|
| **TDG -Canada** | Not regulated |
| **DOT** | Not regulated |
| **IATA** | Not regulated |
| **IMDG/IMO** | Not regulated |
| **ICAO** | Not regulated |

**14.1. UN number** None

**14.2. UN proper shipping name** None

**14.3. Transport hazard class(es)** None

**14.4. Packing group** None

**14.5. Environmental hazards** No

**14.6. Special precautions for user** Not applicable

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**
Not applicable

# SECTION 15: Regulatory information

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

**Global Inventories**

| Chemical Name | CAS Number | EC No | REACH registration number | Australia (AIIC) | Canada (DSL) | China (IECSC) | Japan | S. Korea (KECL) | Mexico | New Zealand | Philippines (PICCS) | Taiwan | TSCA: United States |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Calcium Carbonate | 471-34-1 | 207-439-9 | Exempt | Y | Y | Y | (1)-122(ENCS)(ISHL) | KE-04487 | Y | Y | Y | Y | A |

**Legend** X / Y: Complies ; A: Active ; - / N: Exempt / Not Listed

**Germany**

**Calcium Carbonate**
**WGK Classification (AwSV)** 317 WGK: nwg

### 15.2. Chemical safety assessment

A Chemical Safety Assessment is not required for this substance

## SECTION 16: Other information

| | |
|---|---|
| **Reason for Revision** | This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006 & COMMISSION REGULATION (EU) No. 2015/830 |
| **Issue Date:** | 26/May/2020 |
| **Print Date:** | 30/Apr/2021 |
| **Revision Number:** | 1.3 |
| **Prepared by** | Huber Engineered Materials Global Regulatory Affairs<br>email: regulatory.affairs@huber.com. |
| **(CLP) Regulation (EC 1272/2008)** | Not classified |
| **Labeling** | |
| **Symbols/Pictograms** | None |
| **Signal Word** | None |
| **Hazard Statements** | None |
| **Training Advice** | Do not handle until all safety precautions have been read and understood. |
| **Abbreviations and acronyms** | International Agency for Research on Cancer (IARC)<br>International Air Transport Association (IATA)<br>International Maritime Dangerous Goods (IMDG)<br>International Uniform Chemical Information Database (IUCLID)<br>Workplace Hazardous Materials Information System (WHMIS) status and classification<br>EPA SARA Title III Section 312 (40 CFR 370) Hazard Classification<br>DOT (Department of Transportation)<br>OSHA (Occupational Safety and Health Administration of the US Department of Labor)<br>TWA - Time-Weighted Average<br>The Classification, Labeling and Packaging of Substances and Mixtures (CLP) Regulation (EC 1272/2008)<br>PPE - Personal Protection Equipment<br>NIOSH - National Institute for Occupational Safety and Health<br>TDG (Transport of Dangerous Goods) Canada<br>CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act)<br>Reportable Quantity (RQ) (RQ/% in mixture)<br>STEL - Short Term Exposure Limit<br>TLV® - Threshold Limit Value<br>Derived No Effect Level (DNEL)<br>SVHC: Substances of Very High Concern for Authorization:<br>Land transport (ADR/RID)<br>Biochemical oxygen demand (BOD)<br>Chemical oxygen demand (COD)<br>ICAO (air)<br>(IMDG) International Maritime Dangerous Goods<br>Positive Pressure Self-Contained Breathing Apparatus (SCBA)<br>Predicted No Effect Concentration (PNEC) |

Globally Harmonized System (GHS)

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**