

# SAFETY DATA SHEET

Revision Date 22-Jan-2026

Revision Number 2

## Section 1: Identification

**Product Name:** THERMOCAL FLAKE

**Chemical Name/Synonyms:** Calcium Carbonate (Limestone)

**Recommended Use:** Nutritional Supplement – Powder

### Supplier Identification

**Name:** Thermocal Minerals of Idaho

**Address:** 5236 State Hwy 22, Dubois, ID 83423, US

**Phone:** (208)-339-3900

**Email:** accounts@idavueminerals.com

**Emergency Phone:** (208) -339-6619

## Section 2: Hazard(s) Identification

### Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Hazard Classification:** Serious eye damage/eye irritation - Category 2

**Signal Word(s):** Warning

**Hazard Statements:** Causes serious eye irritation



**Appearance:** Off white

**Physical State:** Powder(s) Solid

**Odor:** None

**Precautionary Statements – Prevention**

Wash face, hands, and any exposed skin thoroughly after handling.  
 Wear protective gloves/protective clothing.  
 Wear eye/face protection.

**Precautionary Statements – Response**

**Eyes:**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Precautionary Statements - Storage**

None

**Precautionary Statements - Disposal**

None

**Hazard not otherwise classified: (HNOC)**

Not Applicable.

**Description of other hazards:**

Not Applicable.

**Unknown Toxicity:**

100% of the mixture consists of ingredient(s) of unknown toxicity.

**Other Information**

No other information available.

**Interactions with other Chemicals.**

No information available.

**Section 3: Composition/ Information on Ingredients**

Chemical Name	Synonym	CAS#	Conc.
Limestone	Calcium Carbonate	1317-65-3	60-100%*

\*The exact percentage has been withheld as a trade secret.

**Section 4: First-Aid Measures****First Aid Measures**

**After eye contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.

**After skin contact:** Wash with soap and water.

**After inhalation:** Remove to fresh air.

**After swallowing:** Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.

**Most important symptoms and effects, both acute and delayed**

**Most important symptoms/effects:** Burning sensation.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician:** Treat symptomatically.

**Section 5: Fire-Fighting Measures**

**Suitable extinguishing agents:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media**

CAUTION: Use of water spray when fighting fire may be inefficient.

**Special hazards arising from the chemical:**

No information available.

**Uniform Fire Code:**

Irritant: solid

COMBUSTIBLE DUST/POWDER.

**Hazardous Combustion Products:**

Carbon oxides.

**Explosion Data**

**Sensitivity to Mechanical Impact:** No.

**Sensitivity to Static Discharge:** No.

**Special protective equipment and precautions for firefighters:**

As with any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

**Section 6: Accidental Release Measures**

**Personal Precautions, Protective Equipment and Emergency Procedures**

**Personal precautions:**

Avoid contact with skin, eyes, or clothing. Use personal protective equipment as required.

**Measures for environmental protection:**

Refer to protective measures listed in Sections 7 and 8.

**Measures for containment and clean up:** Prevent further leakage or spillage if safe to do so. Pick up and transfer to properly labelled containers.

**Section 7: Handling and Storage**

**Precautions for Safe Handling**

**Handling:** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes, or clothing. Do not eat, drink, or smoke when using this product.

**Conditions for Safe Storage, including any incompatibilities**

**Storage:** Keep containers tightly closed in a dry, cool, and well-ventilated place.

**Incompatible Products:** None known based on information supplied.

**Section 8: Exposure Controls/Personal Protection**

**Control Parameters**

**Exposure Guidelines**

*ACGIH TLV: American Conference Of Governmental Industrial Hygienists – Threshold Limit Value OSHA PEL: Occupational Safety And Health Administration – Permissible Exposure Limits NIOSH IDLH Immediately Dangerous To Life Or Health*

<b>Chemical Name</b>	<b>OSHA PEL</b>	<b>NIOSH IDLH</b>
Limestone (1317-65-3)	TWA: 15 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup> respirable dust TWA: 10mg/m <sup>3</sup> total dust

	(vacated) TWA: 15 mg/m <sup>3</sup> (vacated) TWA: 5 mg/m <sup>3</sup>	
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**Other Exposure Guidelines:** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v OSHA, 965 F.2d 962 (11<sup>th</sup> Cir., 1992)

**Appropriate Engineering Controls**

**Engineering Measures:** Showers; Eyewash Stations; Ventilation Systems

**Individual Protection Measures, such as Personal Protective Equipment**

**General protective and hygienic measures:** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink, or smoke when using this product.

**Respiratory protection:** No protective equipment is needed under normal use conditions. If exposure limits are exceeded, ventilation and evacuation may be required.

**Protection of hands:** Wear protective gloves.

**Eye protection:** If splashes are likely to occur, wear safety glasses with side shields (or goggles). None required for consumer use.

**Section 9: Physical and Chemical Properties**

**Physical and Chemical Properties**

**Form:** Flake (Solid).

**Odor:** None.

**Odor threshold:** N/A.

**Appearance:** Off White

**Color:** N/A.

**pH:** No Data Available.

**Relative density:** No Data Available.

**Solubility in/Miscibility with water:** Highly soluble.

**Section 10: Stability and Reactivity**

**Reactivity:** No data available.

**Chemical stability:** Stable under recommended storage conditions.

**Conditions to avoid:** Moisture while in storage.

**Possibility of Hazardous Reactions:** None under normal processing.

**Hazardous Polymerization:** Hazardous Polymerization does not occur.

**Incompatible Materials:** None known based on information supplied.

**Hazardous Decomposition Products:** Carbon Oxides.

## Section 11: Toxicological Information

### Information on Likely Routes of Exposure

#### **Product Information**

**Acute toxicity:** Specific test data for the substance is not available.

#### **Potential routes of exposure/potential health effects**

**Skin:** Specific test data for the substance or mixture is not available. May cause irritation. Prolonged contact may cause redness and irritation.

**Eye:** Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.

**Inhalation:** Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.

**Ingestion:** Specific test data for the substance or mixture is not available. May cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

#### **Information on toxicological effects**

**Symptoms:** May cause redness and tearing of the eyes.

#### **Delayed and Immediate effects as well as chronic effects from short term and long-term exposure**

**Sensitization:** No information available.

**Mutagenic effects:** No information available.

**Carcinogenic effects:** Contains no ingredient listed as a carcinogen.

**Reproductive toxicity:** No information available.

**STOT – single exposure:** No information available.

**STOT – repeated exposure:** No information available.

**Chronic Toxicity:** No information available.

**Target organs:** Eyes.

**Aspiration Hazard:** No information available.

**Numerical Measures of Toxicity Product Information**

**The following values are calculated based on chapter 3.1 of the GHS document:** Not applicable.

**Section 12: Ecological Information (non-mandatory)**

**Ecotoxicity:** The environmental impact of this product has not been fully investigated

**Persistence and Degradability:** No information available.

**Bioaccumulation:** No information available.

**Other Adverse Effects:** No information available.

**Section 13: Disposal Considerations (non-mandatory)**

**Waste/Packaging disposal:** This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements

**Contaminated Packaging:** Dispose of contents/containers in accordance with local regulations.

**Section 14: Transport Information (non-mandatory)**

**DOT:** Not regulated

**Proper Shipping Name:** Non Regulated

**Hazard Class:** N/A

**TDG:** Not Regulated.

**MEX:** Not Regulated.

**ICAO:** Not Regulated.

**IATA:** Not Regulated.

**Proper Shipping Name:** Non Regulated

**Hazard Class:** N/A

**IMDG/IMO:** Not Regulated.

**RID:** Not Regulated.

**ADR:** Not Regulated.

**ADN** Not Regulated.

### Section 15: Regulatory Information (non-mandatory)

#### International Inventories

**TSCA:** Complies

**DSL:** All components are listed either on the DSL or NDSL.

**TSCA** – United States Toxic Substances Control Act Section 8(B) Inventory

**DSL/NDSL** – Canadian Domestic Substances List/Non-Domestic Substances List

#### US Federal Regulations

##### SARA Section 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

##### SARA Section 311/312

**Acute Health Hazard:** Yes.

**Chronic Health Hazard:** No

**Fire Hazard:** No

**Sudden release of pressure hazard:** No

**Reactive hazard:** No

**Clean Water Act (CWA):** This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA:** This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**US State Regulations**

**California Proposition 65:** This product does not contain any Proposition 65 chemicals.

**U.S. State Right to Know Regulations:**

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Limestone 1317-65-3	x	x	x		

**International Regulations**

**Mexico**

**National occupational exposure limits**

Component	Carcinogen Status	Exposure Limits
Limestone 1317-65-3		Mexico: TWA= 10 mg/m3 Mexico: STEL= 20 mg/m3

*Mexico – Occupational Exposure Limits – Carcinogens*

**Canada**

**WHMIS Hazard Class:** Not determined.

**Section 16: Other Information**

<b>NFPA</b>	<b>Health Hazards</b>	2	<b>Flammability</b>	0	<b>Instability</b>	0	<b>Physical and Chemical Hazards</b>
<b>HMIS</b>	<b>Health Hazards</b>	2	<b>Flammability</b>	0	<b>Physical Hazard</b>	0	
							<b>Personal Protection</b>
							<b>X</b>

**SDS date of preparation/update:** January 22, 2026 (Updated from original date of December 07, 2015)

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**