

# MATERIAL SAFETY DATA SHEET

## Section 1 – Product and Company Information

**Product Name** CALCEIN  
**Brand** SE-MARK

**Company** Western Chemical Inc.  
**Street Address** 1269 Lattimore Road  
**City, State, Zip, Country** Ferndale, WA. 98248 USA  
**Technical Phone:** 360-384-5898 **Emergency Phone:** 800-283-5292  
**Fax** 360-384-0270

## Section 2 – Composition/Information on Ingredient

<b>Substance Name</b> CALCEIN	<b>CAS#</b> 1461-15-0	<b>SARA 313</b> No
<b>Formula</b> C30H26N2O13		
<b>Synonyms</b>		

## Section 3 – Hazards Identification

**Emergency Overview**  
Caution: Avoid contact and inhalation

For additional information on toxicity, please refer to Section 11.

## Section 4 – First Aid Measures

**Oral Exposure**  
If swallowed, wash out mouth with water provided person is conscious. Call a physician.

**Inhalation Exposure**  
If inhaled, remove to fresh air, if breathing becomes difficult, call a physician.

**Dermal Exposure**  
In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.

**Eye Exposure**  
In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

---

**Section 5 – Fire Fighting Measures**

---

**Autoignition Temp:** N/A    **Flammability:** N/A

**Extinguishing Media**

**Suitable**

Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

**Firefighting**

**Protective Equipment**

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

---

**Section 6 – Accidental Release Measures**

---

**Procedure (s) of Personal Precaution (s)**

Wear protective equipment.

**Methods for Cleaning Up**

Ventilate area at clean-up site and contain spill. Place in pail or drum and hold for waste disposal. Avoid contact with skin, hands or eyes.

---

**Section 7 – Handling and Storage**

---

**Section 8 – Exposure Controls/PPE**

---

**Engineering Controls**

Mechanical exhaust.

**Personal Protective Equipment**

**Other**

Wear appropriate NIOSH/MSHA-approved respirator, chemical resistant gloves, safety goggles, other protective clothing.

---

**Section 9 – Physical/Chemical Properties**

---

**Appearance**

**Color**  
Yellow

**Form**  
Liquid

**Molecular Weight:** 622.55 AMU

<u>Property</u>	<u>Value</u>
pH	N/A
BP/BP Range	N/A
MP/MP Range	N/A
Freezing Point	N/A
Vapor Pressure	N/A
Vapor Density	N/A
Saturated Vapor Conc.	N/A
SG/Density	N/A
Bulk Density	N/A
Odor Threshold	N/A
Volatile%	N/A
VOC Content	N/A
Water Content	N/A
Solvent Content	N/A
Evaporation Rate	N/A
Viscosity	N/A
Partition Coefficient	N/A
Decomposition Temp.	N/A
Flash Point °F	N/A
Flash Point °C	N/A
Explosion Limits	N/A
Autoignition Temp.	N/A
Solubility	N/A

---

### Section 10 – Stability and Reactivity

---

**Stability**

Stable  
 Materials to Avoid  
 Strong oxidizing agents.

**Hazardous Polymerization**

Will not occur.

---

### Section 11 – Toxicological Information

---

**Route of Exposure**

Multiple Routes  
 May be harmful by inhalation, ingestion, or skin absorption. May cause irritation.

**Conditions Aggravated by Exposure**

The toxicological properties have not been thoroughly investigated.

RTECS Number:

---

### Section 12 – Ecological Information

---

---

**Section 13 – Disposal Considerations**

---

**Appropriate Method of Disposal of Substance or Preparation**

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

---

**Section 14 – Transport Information**

---

**DOT**

Proper Shipping Name: None

Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

**IATA**

Proper Shipping Name: None

Non-Hazardous for Air Transport: Non-hazardous for air transport.

---

**Section 15 – Regulatory Information**

---

**US Classification and Label Text**

US Statements

Caution: Avoid contact and inhalation.

**United States Regulatory Information**

SARA 313 Listed: No