

## SAFETY DATA SHEET

HELENA LABORATORIES  
1530 Lindbergh Dr.  
Beaumont, TX 77707  
USA Toll Free 800-231-5663

DATE PREPARED: 2/6/2024  
REVISION: 2

**1. IDENTIFICATION**

**Product Number:** 5824

**Product identifier used on the label:** Cascade POC c-ACT Assay

**Other means of identification:**

Component Name	Component Number
Cascade POC c-ACT Card	5824

**Recommended use of the chemical and restrictions in use:** For In-Vitro Diagnostic use.

**Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party:**

Helena Laboratories  
1530 Lindbergh Dr.  
Beaumont, TX 77707  
Tel: (409) 842-3714  
USE Toll Free 800-231-5663

**Emergency phone number:**  
(409) 842-3714

**2. HAZARD IDENTIFICATION**

**Classification of the chemical:**

Component Name	GHS Classification	Hazard Statement
Celite	Inhalation (Category 2)	Repeated exposure

**Label elements:**

**Signal word:** Warning

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**Potential Health Effects:**

**Skin:** May be harmful if absorbed through skin.

**Eye:** May cause eye irritation.

**Inhalation:** May be harmful if inhaled.

**Ingestion:** May be harmful if swallowed.

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**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Component Name	Chemical Name	CAS #	Concentration
Celite	Silicon Dioxide	14464-46-1	< 1%
	Quartz	14808-60-7	< 0.1%

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**4. FIRST AID MEASURES****Description of first aid measures:**

**Inhalation:** If breathed in, move person into fresh air.

**Skin contact:** Wash off with soap and plenty of water.

**Eye contact:** Flush eyes with water as a precaution.

**Ingestion:** Rinse mouth with water.

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**5. FIREFIGHTING MEASURES**

Not flammable or combustible.

**Extinguishing media:** Use water spray, alcohol resistant foam dry chemical or carbon dioxide.

**Special hazards arising from the substance or mixture:** Hazard decomposition product formed under fire conditions, - Silicon oxides.

**Special protective equipment and precautions for firefighters:** Wear self contained breathing apparatus for firefighting if necessary.

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**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment, and emergency procedures:** Use personal protective equipment.

**Methods and materials for containment and cleaning up:** Sweep up without creating dust. Keep in closed container for disposal.

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## 7. HANDLING AND STORAGE

**Precautions for safe handling:** Avoid contact with skin and eyes.

**Conditions for safe storage, including any incompatibilities:** Store at 15-30°C.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure limits (AGGIH TLV & OSHA PEL):**

Chemical Name	AGGIH TLV	OSHA PEL
Silicon Dioxide	0.025 mg/m <sup>3</sup>	0.05 mg/m <sup>3</sup>
Quartz	0.025 mg/m <sup>3</sup>	No data available

**Exposure controls:**

**Respiratory protection:** No data available.

**Skin protection:** Handle with gloves.

**Eye protection:** Appropriate eye protection required.

**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Solid

**Odor:** No data available

**Odor threshold:** No data available

**pH:** No data available

**Melting point/Freezing point:** No data available

**Initial boiling point and range:** No data available

**Flash point:** No data available

**Evaporation rate:** No data available

**Flammability (solid, gas):** No data available

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**Upper/lower flammability or explosive limits:** No data available

**Vapor pressure:** No data available

**Relative density:** No data available

**Solubility in water:** No data available

**Partition coefficient: n-octanol/water:** No data available

**Auto-ignition temperature:** No data available

**Decomposition temperature:** No data available

**Viscosity:** No data available

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## 10. STABILITY AND REACTIVITY

**Reactivity:** Stable under recommended storage conditions

**Chemical stability:** No data available

**Possibility of hazard reaction:** No data available

**Conditions to avoid:** No data available

**Incompatible materials:** No data available

**Hazard decomposition products:** No data available

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## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure:**

**Potential health effects:**

**Skin:** May cause skin irritation.

**Eye:** May cause eye irritation.

**Ingestion:** May be harmful if swallowed

**Inhalation:** May be harmful if inhaled.

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**Toxicological data:**

Chemical Name	LD 50 (oral, rat)
Celite	No data available

**Carcinogenicity:** IARC, NTP, OSHA: Carcinogenic to humans (Silicon Dioxide)

**Other important toxicological hazards:** No data available

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**12. ECOLOGICAL INFORMATION**

**Eco-toxicity:** No data available

**Persistence and degradability:** No data available

**Bio-accumulative potential:** No data available

**Mobility in soil:** No data available

**Other adverse effects:** No data available

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**13. DISPOSAL CONSIDERATION**

Observe all federal, state and local regulations.

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**14. TRANSPORT INFORMATION**

**DOT (US):** Not applicable

**UN number:** Not applicable

**UN proper shipping name:** Not applicable

**Transport hazard class:** Not applicable

**Packing group:** Not applicable

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**15. REGULATORY INFORMATION**

**US State Right to Know Laws:**

**OSHA Hazard:** Carcinogen

**SARA 302 Components:** No chemicals in this material are subject to the reporting requirements.

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**SARA 313 Components:** No chemicals in this material are subject to the reporting requirements.

**California Proposition 65:** This product contains a chemical known to cause cancer: Silicon Dioxide

**Other US State "Right to Know" List: The following chemicals are listed by individual States:**

Silicon Dioxide (MA, PA, NJ)

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## 16. OTHER INFORMATION

**SDS Creation date:** 1/23/2014

**Revision #:** 2

### Disclaimer

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. Helena Laboratories shall not be held liable for any damage resulting from handling or from contact with the above product.