



**DuoKem LLC**, A Dual benefit from Kemicals  
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## MATERIAL SAFETY DATA SHEET

### 1. Identification of the substance/preparation and the company/undertaking

Manufacturer/supplier

Supplier: DuoKem, LLC  
Address: 2016 Main St, Suite 1604  
Houston TX, 7702

CAS: 1592-23-0  
UN Number: N/A

Product Name: Calcium stearate emulsion

Application: Intended use in different coating system

### 2. Composition/information on ingredients

Ingredients: calcium stearate 50% water emulsified liquid

### 3. Hazards identification

Classification Not classified as dangerous for health or as dangerous to the environment.

Health effects Dust inhalation may irritate the mucous membranes of the mouth and throat.

Environmental effects See Section 12.

Other effects Unknown.

### 4. First aid measures

Inhalation Move to fresh air, keep quiet, heat preservation and get medical treatment immediately, if breathing stopped, give rescue breathing immediately, if hard breathing, do oxygen therapy immediately.

Skin contact Strip off the contaminated clothes, wash the contacted skin with plenty of water, if skin inflamed, calls a physician.

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Eye contact	Flush eyes with clean water immediately for at least 15 minutes, then consult a doctor.
Ingestion	Rinse mouth, drink plenty of water or salt water then spit out, consult a doctor if necessary.

### **5. Fire fighting measures**

Extinguishing media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	Unknown
Special protective equipment	In the event of fire, wear self-contained breathing apparatus
Special exposure hazards	Unknown

### **6. Accidental release measures**

Environmental cleanup procedures Spilled material will solidify. Collect as much as possible in a clean container for (preferable) reuse or disposal

Personal precautions See section 8

### **7. Handling and storage**

Handling	As with all chemicals, good industrial hygiene practices should be followed when handling this material
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For safe operation attention

1. Use suitable protection apparatus.
2. Install releaser.
3. Avoid contacting high temperature material, heat and strong Oxide

Storage	<ol style="list-style-type: none"><li>1. Avoid direct sunshine to the container.</li><li>2. Do not keep it near the boiler or combustible.</li><li>3. Do not keep it with oxidizing substance or organic peroxide at the Same place</li></ol>
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## **8. Exposure controls/ waste disposal**

Exposure controls 1.If quantity low, use sandy soil to absorb and collect it into the container, then wash the exposure place with lot of water.

2. If quantity large uses sandy soil to prevent it from spreading, put it to the safe place, and collect it by container, wash with plenty of water, please be noted that do not drain the material with high viscosity to the river.

Waste disposal

1. Doing combustion.

2. After combustion, the rejected material should be dealt according to regulations or by legalized organization.

3. The drainage after washing the container, equipment and ground should be through activated sludge process before discharging.

Respiratory protection No personal respiratory protective equipment normally required.

Hand protection Rubber/pvc gloves

Skin protection Use of protective overalls and long sleeves is recommended. Wash contaminated clothing before reuse.

Eye protection Wear as appropriate safety glasses with side-shields; goggles, face-shield, Eye wash fountain is recommended.

Occupational exposure limits Unknown

## **9. Physical and chemical properties**

Appearance: Emulsion

Color: White

Specific gravity: 1.05

PH: 11.5-12.5

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Boiling point: 100°C  
Water Solubility: Soluble in water completely  
Auto inflammability: No information  
Explosion limits upper/lower: Not applicable

### **10. Stability and reactivity**

Hazardous decomposition Unknown  
Conditions to avoid Unknown  
Material to avoid Unknown  
Hazardous reactions Unknown

### **11. Toxicological information**

Acute toxicity none

#### **Health effects**

Inhalation Dust may cause some irritation to the mucous membranes of the mouth, throat and respiratory tract  
Ingestion Not an anticipated route of expose under normal conditions of use.  
Skin contact Non-irritant  
Eye contact Non-irritant  
Sensation Date Not a sensitizer.  
Carcinogenicity/mutagenicity & Long term effects No Carcinogenicity data available for this product  
Reproductive/developmental effects No data available for this product



Subacute, subchronic, chronic effects No data available for this product

## **12. Ecological information**

Aquatic toxicity No data available for this product

Other Adverse Effects None known

## **13. Disposal considerations**

Product disposal In accordance with local and national regulations.

Packaging As for product.

## **14. Transport information**

Transportation summary not classified as dangerous in the meaning of transport regulations.

## **15. Regulatory information**

International Regulations The product does not need to be labelled in accordance with EC directives or respective national laws.

Use Only for industrial use.

CAS# Preparation

## **16. Other information**

No R-phrases in section 2

Other information: The information provided in this material safety data sheet relates only to this specific product and may not be valid for the product if used with other material in any process. The information is, at the time of publication, to the best of the Company's knowledge and belief, accurate and reliable.

However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability for his own purpose.

Issue Date: Jan-18-2016

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