



**CHEMICAL ASSOCIATES**  
1270 South Cleveland-Massillon Road  
Building B  
Copley, OH 44321-1683

## MATERIAL SAFETY DATA SHEET

**EMERGENCY PHONE: 800-347-2891**  
**MSDS REFERENCE: CA4842**

**CHEMTREC: 800-424-9300**

### SECTION I - IDENTIFICATION

**PRODUCT:** CA4842 CALCIUM STEARATE DISPERSION, 55%, HIGH pH  
**SYNONYMS:**  
**CHEMICAL:** CALCIUM STEARATE DISPERSION  
**CAS NO:** MIXTURE  
**SARA HAZARD:** TITLE III SECTION 311/312 NONE  
TITLE III SECTION 313 NONE

### SECTION II - INGREDIENTS AND HAZARD CLASSIFICATION

COMPOSITION	TYPICAL %	PEL/TLV	HAZARD
FATTY ACIDS, TALLOW HYDROTREATED	41-53	NONE/NONE	NONE NOTED
CALCIUM SALT (1592-23-0)			
TRADE SECRET - NJTS50206NVE	8		NONE NOTED
TRADE SECRET - NJTS50202NVE	4		NONE NOTED
WATER (7732-18-5)	46-48	NONE/NONE	NONE NOTED

### SECTION III - HEALTH INFORMATION

**INHALATION:** OVEREXPOSURE TO MIST OR SPRAY MAY CAUSE IRRITATION OF RESPIRATORY TRACT.

**INGESTION:** MAY CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA.

**EYE CONTACT:** CAUSES IRRITATION THAT MAY BE SEVERE.

**SKIN CONTACT:** EXPECTED TO BE IRRITATING ESPECIALLY ON PROLONGED OR REPEATED CONTACT.

### SECTION IV - OCCUPATIONAL EXPOSURE LIMITS

**PEL:** NO OSHA PEL  
**TLV:** NO ACGIH TLV

## SECTION V - EMERGENCY FIRST AID PROCEDURE

- INGESTION:** DO NOT INDUCE VOMITING. IF VOMITING SHOULD OCCUR SPONTANEOUSLY, KEEP AIRWAY CLEAR. CONSULT A PHYSICIAN OR POISON CONTROL CENTER PROMPTLY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS INDIVIDUAL.
- INHALATION:** REMOVE TO FRESH AIR AND REST IN HALF UPRIGHT POSITION. TREAT ANY IRRITATION SYMPTOMATICALLY. GET MEDICAL ATTENTION IF COUGH OR OTHER SYMPTOMS DEVELOP. IF VICTIM HAS STOPPED BREATHING, GIVE ARTIFICIAL RESPIRATION, PREFERABLY BY MOUTH TO MOUTH.
- EYE CONTACT:** REMOVE CONTACT LENSES. HOLD EYELIDS APART. IMMEDIATELY FLUSH EYES WITH PLENTY OF LOW-PRESSURE WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS AFTER FLUSHING, SEEK IMMEDIATE MEDICAL ATTENTION.
- SKIN CONTACT:** REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE. WASH AFFECTED AREA WITH SOAP AND WATER. CONSULT A PHYSICIAN IF IRRITATION DEVELOPS.

## SECTION VI - PHYSICAL DATA

<b>BOILING POINT:</b>	100°C (WATER PHASE)
<b>MELTING POINT:</b>	N/A
<b>VAPOR PRESSURE:</b>	N/A
<b>SPECIFIC GRAVITY:</b>	(H <sub>2</sub> O = 1): 1.04
<b>SOLUBILITY IN WATER:</b>	DISPERSIBLE
<b>pH</b>	11
<b>APPEARANCE AND COLOR:</b>	OPAQUE, WHITE LIQUID, FATTY ODOR

## SECTION VII - FIRE AND EXPLOSION HAZARDS

<b>FLASH POINT AND METHOD USED:</b>	>212 DEG F ( >100 DEG C ), C.O.C.
<b>FLAMMABLE LIMITS IN AIR, % BY VOL. LOWER:</b>	NOT ESTABLISHED
<b>FLAMMABLE LIMITS IN AIR, % BY VOL. UPPER:</b>	NOT ESTABLISHED
<b>NFPA RATING: HEALTH: (1) FIRE: (0)</b>	<b>REACTIVITY: (0)</b>
<b>HMIS RATING: HEALTH: (1) FIRE: (0)</b>	<b>REACTIVITY: (0)</b>

### SPECIAL FIRE FIGHTING PROCEDURES AND PRECAUTIONS:

INDIVIDUALS SHOULD PERFORM ONLY THOSE FIRE PROCEDURES FOR WHICH THEY HAVE BEEN TRAINED. WATER OR FOAM MAY CAUSE FROTHING WHEN APPLIED TO FLAMMABLE LIQUIDS HAVING FLASH POINTS ABOVE 212 DEG F (100 DEG C). THE REMARK IS INCLUDED ONLY AS A PRECAUTION AND DOES NOT MEAN THAT WATER OR FOAM SHOULD NOT OR COULD NOT BE USED IN FIGHTING FIRES IN SUCH LIQUIDS. THE FROTHING MAY BE QUITE VIOLENT AND COULD ENDANGER THE LIFE OF THE FIREFIGHTER PARTICULARLY WHEN SOLID STREAMS ARE DIRECTED INTO THE HOT BURNING LIQUID. ON THE OTHER HAND, WATER SPRAY CAREFULLY APPLIED HAS FREQUENTLY BEEN USED WITH SUCCESS IN EXTINGUISHING SUCH FIRES BY CAUSING THE FROTHING TO OCCUR ONLY ON THE SURFACE AND THIS FOAMING ACTION BLANKETS AND EXTINGUISHES THE FIRE. (NFPA 325M-1984) WATER, CO<sub>2</sub>, FOAM, SPRAY, OR DRY CHEMICAL CAN BE USED AS EXTINGUISHING MEDIA.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS IN THE POSITIVE-PRESSURE MODE WITH A FULL FACEPIECE WHEN THERE IS A POSSIBILITY OF EXPOSURE TO SMOKE, FUMES OR HAZARDOUS DECOMPOSITION PRODUCTS. COOL EXPOSED CONTAINERS WITH WATER SPRAY.

**SECTION VIII - REACTIVITY**

<b>STABILITY:</b>	STABLE
<b>HAZARDOUS POLYMERIZATION:</b>	NONE KNOWN
<b>CONDITIONS AND MATERIALS TO AVOID:</b>	STRONG OXIDIZING AGENTS
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	CARBON DIOXIDE AND CARBON MONOXIDE

**SECTION IX - EMPLOYEE PROTECTION**

**CONTROL MEASURES:**

AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. WASH THOROUGHLY AFTER HANDLING, AND BEFORE EATING, DRINKING OR SMOKING. REMOVE CONTAMINATED CLOTHING PROMPTLY, AND CLEAN THOROUGHLY BEFORE REUSE. EYEWASH FOUNTAINS AND SAFETY SHOWERS SHOULD BE EASILY ACCESSIBLE. USE PROCESS ENCLOSURES, LOCAL EXHAUST VENTILATION, OR OTHER ENGINEERING CONTROLS TO CONTROL AIRBORNE LEVELS BELOW RECOMMENDED EXPOSURE LIMITS.

**RESPIRATORY PROTECTION:**

WHETHER THERE IS A NEED FOR RESPIRATORY PROTECTION UNDER YOUR CONDITIONS OF HANDLING OF THIS MATERIAL SHOULD BE EVALUATED BY A QUALIFIED HEALTH SPECIALIST.

**PROTECTIVE CLOTHING:**

WEAR GLOVES AND PROTECTIVE CLOTHING WHICH ARE IMPERVIOUS TO THE PRODUCT FOR THE DURATION OF ANTICIPATED EXPOSURE IF THERE IS POTENTIAL FOR PROLONGED OR REPEATED SKIN CONTACT.

**EYE PROTECTION:**

WEAR SAFETY GLASSES MEETING THE SPECIFICATIONS OF ANSI STANDARD Z87.1 WHERE NO CONTACT WITH THE EYE IS ANTICIPATED. CHEMICAL SAFETY GOGGLES MEETING THE SPECIFICATIONS OF ANSI STANDARD Z87.1 SHOULD BE WORN WHENEVER THERE IS THE POSSIBILITY OF SPLASHING OR OTHER CONTACT WITH THE EYES.

**SECTION X - ENVIRONMENTAL PROTECTION**

**ENVIRONMENTAL PRECAUTIONS:**

AVOID UNCONTROLLED RELEASES OF THIS MATERIAL. WHERE SPILLS ARE POSSIBLE, A COMPREHENSIVE SPILL RESPONSE PLAN SHOULD BE DEVELOPED AND IMPLEMENTED.. DISCHARGE FROM A VENTILATION SYSTEMS SHOULD COMPLY WITH APPLICABLE AIR POLLUTION CONTROL REGULATIONS.

**SPILL OR LEAK PRECAUTIONS:**

WEAR APPROPRIATE RESPIRATORY PROTECTION AND PROTECTIVE CLOTHING

AS DESCRIBED IN SECTION IX. CONTAIN SPILLED MATERIAL. TRANSFER TO SECURE CONTAINERS. WHERE NECESSARY, COLLECT USING ABSORBENT MEDIA. IN THE EVENT OF AN UNCONTROLLED RELEASE OF THIS MATERIAL, THE USER SHOULD DETERMINE IF THE RELEASE IS REPORTABLE UNDER APPLICABLE LAWS AND REGULATIONS.

**WASTE DISPOSAL:**

ALL RECOVERED MATERIAL SHOULD BE PACKAGED, LABELED, TRANSPORTED, AND DISPOSED OR RECLAIMED IN CONFORMANCE WITH APPLICABLE LAWS AND REGULATIONS AND IN CONFORMANCE WITH GOOD ENGINEERING PRACTICES. AVOID LANDFILLING OF LIQUIDS. RECLAIM WHERE POSSIBLE.

**SECTION XI - REGULATORY CONTROLS**

**DEPARTMENT OF TRANSPORTATION:**

**DOT CLASSIFICATION:** NOT REGULATED  
**DOT PROPER SHIPPING NAME:** N/A  
**OTHER DOT INFORMATION:** N/A

**OTHER REGULATORY INFORMATION:**

LISTED IN U S TSCA INVENTORY  
LISTED IN CANADIAN DSL INVENTORY  
LISTED IN EUROPEAN INVENTORY  
LISTED IN AUSTRALIAN INVENTORY  
LISTED IN JAPAN INVENTORY  
LISTED IN CHINA INVENTORY  
LISTED IN KOREAN INVENTORY  
LISTED IN PHILIPPINE INVENTORY

THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

**CERCLA HAZARDOUS MATERIALS:**

NONE NOTED

**SECTION XII - PRECAUTIONS: HANDLING, STORAGE AND USAGE**

FREEZING SERIOUSLY DAMAGES THIS PRODUCT. PROTECT FROM FREEZING IN STORAGE AND TRANSIT. STORAGE ABOVE 50 DEG F (10 DEG C) IS RECOMMENDED. MIX WELL BEFORE USING.

The information presented herein is believed to be factual as it has been derived from the works and opinions of persons believed to be qualified experts; however, nothing contained in this information is to be taken as a warranty or representation for which Chemical Associates bears responsibility. The user should review any recommendations in the specific context of the intended use to determine whether they are appropriate.

**CHEMICAL ASSOCIATES  
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**DATE: 07/05/11  
SUPERSEDES: 09/20/10**