



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

MATERIAL SAFETY DATA SHEET

EMERGENCY PHONE: 800-347-2891
MSDS REFERENCE: CA4840

CHEMTREC: 800-424-9300

SECTION I - IDENTIFICATION

PRODUCT: CA4840 CALCIUM STEARATE DISPERSION, 50%, LOW 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 CALCIUM SALT (1592-23-0)	46-50	NONE/NONE	NONE NOTED
TRADE SECRET INGREDIENTS (TSRN)	1-4	NONE/NONE	NONE NOTED
WATER (7732-18-5)	49-51	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. GET IMMEDIATE MEDICAL ATTENTION.
- SKIN CONTACT:** REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE. WASH AFFECTED AREA WITH SOAP AND WATER. CONSULT A PHYSICIAN IF IRRITATION PERSISTS.

SECTION VI - PHYSICAL DATA

- BOILING POINT:** N/A
MELTING POINT: N/A
VAPOR PRESSURE: N/A
SPECIFIC GRAVITY: (H₂O = 1): 1.02
SOLUBILITY IN WATER: DISPERSIBLE
pH 8.5
APPEARANCE AND COLOR: OPAQUE, WHITE LIQUID, FATTY ODOR

SECTION VII - FIRE AND EXPLOSION HAZARDS

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

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, CO₂, 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

STABILITY:	STABLE
HAZARDOUS POLYMERIZATION:	NONE KNOWN
CONDITIONS AND MATERIALS TO AVOID:	STRONG OXIDIZING AGENTS
HAZARDOUS DECOMPOSITION PRODUCTS:	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 SYSTEM 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. MATERIAL IS EXTREMELY SLIPPERY. CAUTION MUST BE EXERCISED DURING CLEANUP.

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 REQUIREMENTS:

U. S. TSCA: COMPONENTS FOUND IN TSCA INVENTORY.

CERCLA HAZARDOUS MATERIALS:

NONE NOTED

SECTION XII - PRECAUTIONS: HANDLING, STORAGE AND USAGE S

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: 04/01/08
SUPERSEDES: 04/01/06**