



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

MATERIAL SAFETY DATA SHEET

EMERGENCY PHONE: 800-347-2891
MSDS REFERENCE: CA5040

CHEMTREC: 800-424-9300

SECTION I - IDENTIFICATION

PRODUCT: CA5040 C18 ALCOHOL 98%
SYNONYMS: C18 ALCOHOL, 1-OCTADECANOL
CHEMICAL: ALCOHOL
CAS NO: 112-92-5
SARA HAZARD: NONE NOTED (SECTION 311/312)
TITLE III SECTION 313 NOT LISTED

SECTION II - INGREDIENTS AND HAZARD CLASSIFICATION

COMPOSITION	TYPICAL%	PEL/TLV	HAZARD
STEARYL ALCOHOL 112-92-5	98+	NONE / NONE	NONE NOTED
CETYL ALCOHOL 36653-82-4	1+	NONE/NONE	NONE NOTED
ARACHIDYL ALCOHOL 629-96-9	1+	NONE/NONE	NONE NOTED

SECTION III - HEALTH INFORMATION

INHALATION: NOT EXPECTED TO BE A ROUTE OF ENTRY EXCEPT FROM VAPORS FROM OVERHEATED PRODUCT. NO SIGNIFICANT HEALTH HAZARD IDENTIFIED

INGESTION: NOT EXPECTED TO BE A ROUTE OF ENTRY. MAY RESULT IN MILD GASTROINTESTINAL IRRITATION.

EYE CONTACT: MILD IRRITATION MAY OCCUR.

SKIN CONTACT: PROLONGED OR REPEATED CONTACT CAN DEFAT THE SKIN AND LEAD TO IRRITATION AND/OR DERMATITIS.

SECTION IV - OCCUPATIONAL EXPOSURE LIMITS

PEL: NO OSHA PEL
TLV: NO ACGIH TLV

SECTION V - EMERGENCY FIRST AID PROCEDURE

- INGESTION:** IF LARGE AMOUNTS ARE SWALLOWED AND/OR DISCOMFORT IS EXPERIENCED, CALL A PHYSICIAN OR POISON CONTROL CENTER PROMPTLY.
- INHALATION:** IMMEDIATELY REMOVE VICTIM TO FRESH AIR. IF VICTIM HAS STOPPED BREATHING GIVE ARTIFICIAL RESPIRATION, PREFERABLY BY MOUTH TO MOUTH. GET MEDICAL ATTENTION IMMEDIATELY.
- EYE CONTACT:** IMMEDIATELY FLUSH EYES WITH PLENTY OF COOL WATER FOR AT LEAST 15 MINUTES. DO NOT LET VICTIM RUB EYES. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.
- SKIN CONTACT:** PRACTICE GOOD INDUSTRIAL HYGIENE. WASH EXPOSED SKIN WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. WASH CONTAMINATED CLOTHING BEFORE REUSE. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

SECTION VI - PHYSICAL DATA

- BOILING POINT:** APPROX. 352C @ 760mm Hg
MELTING POINT: APPROX. 58C
VAPOR PRESSURE: NOT DETERMINED
SPECIFIC GRAVITY: 0.81 AT 70/25 DEG C
VAPOR DENSITY (AIR=1): NOT DETERMINED
SOLUBILITY IN WATER: INSOLUBLE
APPEARANCE AND COLOR: WHITE WAXY SOLID

SECTION VII - FIRE AND EXPLOSION HAZARDS

- FLASH POINT AND METHOD USED:** 342 DEG F (172 DEG C) P.M. CLOSED CUP
- AUTO-IGNITION TEMPERATURE:** NOT DETERMINED
- FLAMMABLE LIMITS IN AIR, % BY VOL. LOWER:** APPROX. 1%
- FLAMMABLE LIMITS IN AIR, % BY VOL. UPPER:** APPROX. 8%
- NFPA RATING: HEALTH: (N/A) FIRE: (N/A) REACTIVITY: (N/A)
HMIS RATING: HEALTH: (0) FIRE: (0) REACTIVITY: (0)

SPECIAL FIRE FIGHTING PROCEDURES AND PRECAUTIONS:

INDIVIDUALS SHOULD PERFORM ONLY THOSE FIRE FIGHTING PROCEDURES FOR WHICH THEY HAVE BEEN TRAINED. USE WATER SPRAY, DRY CHEMICAL, FOAM OR CARBON DIOXIDE. USE WATER TO KEEP FIRE-EXPOSED CONTAINERS COOL. IF A SPILL OR LEAK HAS NOT IGNITED, USE WATER SPRAY TO DISPERSE THE VAPORS. WATER SPRAY MAY BE USED TO FLUSH SPILLS AWAY FROM FIRE AND TO DILUTE SPILLS TO NONFLAMMABLE MIXTURES.

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.

SECTION VIII - REACTIVITY

STABILITY:	GENERALLY STABLE
HAZARDOUS POLYMERIZATION:	NONE LIKELY
CONDITIONS AND MATERIALS TO AVOID:	KEEP AWAY FROM HEAT AND FLAMES. AVOID CONTACT WITH OXIDIZING MATERIALS.
HAZARDOUS DECOMPOSITION PRODUCTS:	DECOMPOSITION OF ORGANIC MATERIALS WILL PRODUCE OXIDES OF CARBON.

SECTION IX - EMPLOYEE PROTECTION

CONTROL MEASURES:

HANDLE IN THE PRESENCE OF ADEQUATE VENTILATION.

RESPIRATORY PROTECTION:

RECOMMENDED EXPOSURE LIMITS (I. E. , OSHA-PEL, ACGIH-TLV, AIHA-WEEL) HAVE NOT BEEN ESTABLISHED FOR THIS MATERIAL. 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.

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 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:
OTHER DOT INFORMATION:

OTHER REGULATORY REQUIREMENTS:

LISTED IN TSCA INVENTORY (112-92-5)
LISTED ON CANADIAN DSL. (112-92-5)
INCLUDED IN THE INVENTORIES OF: EINECS (2040176), AUSTRALIA (112-92-5),
CHINA, JAPAN (MITI, 2-237), KOREA, PHILIPPINES.
CALIFORNIA PROP 65. CONTAINS NO MATERIAL THAT APPEARS ON THIS LIST.
CONEG: DOES NOT CONTAIN ADDED LEAD, CADMIUM, MERCURY, OR HEXAVALENT
CHROMIUM. INCIDENTAL AMOUNTS DO NOT EXCEED A TOTAL OF 100ppm.

CERCLA HAZARDOUS MATERIALS:

NONE NOTED

SECTION XII - PRECAUTIONS: HANDLING, STORAGE AND USAGE

NO SPECIAL PRECAUTIONS NECESSARY. AVOID CONTAINER DAMAGE WHILE
HANDLING AND STORING.

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.

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DATE: 07/13/10
SUPERSEDES: 03/17/09