

# MATERIAL SAFETY DATA SHEET

C.D. PRODUCTS, INC.  
918 N. Union St..  
Appleton, WI 54911

emergency telephone #  
(920)-739-8685  
ISSUE DATE- 4-1-86

## SECTION I: PRODUCT IDENTIFICATION

PRODUCT NAME- AROMATIC E

PRODUCT #- CD-320

PRODUCT CLASS- AROMATIC SOLVENT

HMIS CODE HEALTH-1, FIRE-2, REACTIVITY-0

HAZARD RATING: 0=LEAST, 1=SLIGHT, 2= MODERATE, 3=HIGH, 4= EXTREME

SECTION II: HAZARDOUS INGREDIENTS	CAS #	%	PEL	TLV
aromatic solvent	64742-95-6	>90	100	1

1. TLV not established for this material

## SECTION III: PHYSICAL DATA

BOILING RANGE: 320F

EVAPORATION RATE VS BUTYL ACETATE: slower

VAPOR DENSITY VS AIR: heavier

SOLUBILITY IN WATER: emulsifiable

APPEARANCE AND ODOR: clear liquid, solvent odor

PERCENT VOLATILE BY VOLUME: 99%

WEIGHT PER GALLON: 7.3

## SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT ( F ): 100F-120F

LEL: 1.0%

UEL: 7.0%

EXTINGUISHING MEDIA: foam, carbon dioxide, dry chemicals

HAZARDOUS DECOMPOSITION PRODUCTS: carbon dioxide, carbon monoxide

SPECIAL FIRE FIGHTING PROCEDURES: water spray to keep containers cool, and to protect persons attempting to stop leaks. Wear self contained breathing apparatus, goggles and full protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS: never use welding torch on or near drum because product and product vapors can ignite explosively. Vapors are heavier than air and may travel across the ground to distant ignition sources.

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#### SECTION V: HEALTH HAZARD DATA - EFFECTS OF OVER EXPOSURE

**INGESTION:** single dose oral toxicity is low. Swallowing small amounts during normal operations is not likely. swallowing large amounts may be harmful and can cause gastro-intestinal irritation.

**INHALATION:** single dose inhalation toxicity is low. Inhaling small amounts during normal operations is not likely to cause harmful effects.

**SKIN ABSORPTION:** can cause irritation but is not likely to be harmful.

**SKIN CONTACT:** above

**EYE CONTACT:** may cause irritation, tearing, redness, stinging.

**CHRONIC EFFECTS OF OVER EXPOSURE:** has been suggested as a cause of the following effects in lab animals ( although the relevance to humans of these findings is uncertain) and may aggravate preexisting disorders of these organs in humans: reversible liver effects, mild, reversible kidney effects, blood abnormalities, cataracts. This material is not listed as a carcinogen by IARC, OSHA, or NTP.

#### EMERGENCY FIRST AID PROCEDURES

**EYE CONTACT:** flush with water for 15 minutes and seek medical attention

**SKIN CONTACT:** wash with soap and water if symptoms persist seek medical attention.

**INGESTION:** do not induce vomiting, this material is an aspiration hazard. seek medical attention

**INHALATION:** remove to fresh air, administer oxygen if available and seek immediate medical attention. If person is not breathing administer artificial respiration.

#### SECTION VI: REACTIVITY DATA

**STABILITY:** stable

**HAZARDOUS POLYMERIZATION:** will not occur

**CONDITIONS TO AVOIDS:** contact with acids

#### SECTION VII: SPILL OR LEAK PROCEDURE

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** eliminate ignition

sources, absorb with inert material, eg- sand, scoop up and put into disposal container. flush area with water, prevent washdowns from entering the sewers and water ways.

**WASTE DISPOSAL METHOD:** Incinerate in furnace or dispose of in accordance with applicable local, state, and federal regulations. Frequently municipal waster water treatment systems will accept this material and process it along with other water products. Check with the area water treatment system managers ahead of time.

#### SECTION VIII: SPECIAL PROTECTION INFORMATION

**RESPIRATORY:** use with adequate ventilation. NIOSH/MSA approved respirators

should be used where ventilation is not adequate. Niosh approved air-line respirators with auxiliary escape air tanks or self contained breathing apparatus should be used in confined spaces.

VENTILATION: local exhaust recommended when appropriate to control employee exposure.  
PROTECTIVE GLOVES: Neoprene, nitrile rubber -should be warn  
EYE PROTECTION: chemical splash goggles  
OTHER PROTECTIVE EQUIPMENT: normal work clothing covering arms and legs and boots.

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##### SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: avoid skin contact, remove and launder contaminated clothing. Empty containers may contain residual flammable vapors so all hazard precautions should be observed.

WARNING: sudden release of hot organic chemical vapors or mists from process equipment operating at elevated temperatures and pressure or sudden ingress of air into vacuum equipment may result in ignitions without the presence of an obvious ignition source. Hydrocarbon liquids are nonconductors of electricity and may become electrostaticly charged during transferring or mixing operations. If charge develops to a sufficiently high level sparks may result which could ignite the material.

##### SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY: use with adequate ventilation.

VENTILATION: local exhaust recommended when appropriate to control employee exposure.

PROTECTIVE GLOVES: rubber gloves should be warn- impervious

EYE PROTECTION: safety glasses

OTHER PROTECTIVE EQUIPMENT: splash protection clothing

##### SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: avoid skin contact, remove and launder contaminated clothing.

OTHER PRECAUTIONS: none

NOTE: To the best of our knowledge, the information contained herein is accurate. However C.D. Products. Inc assumes no liability whatsoever for the accuracy or completeness of the information contained herein. The final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.