

# MATERIAL SAFETY DATA

The Euclid Chemical Company • Cleveland, Ohio 44110

FOR TRANSPORTATION & SAFETY EMERGENCIES CALL: 1-800-255-3924  
INTERNATIONAL USERS CALL COLLECT: 1-813-979-0626

TRADE NAME  
Euco Solvent

CHEMICAL NAME  
Solvent

## 1. INGREDIENTS

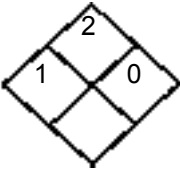
MATERIAL	CAS #	%	ACGIH(TLV)	PEL
Aromatic Petroleum Distillates	64742-95-6	40 - 50		
*1,2,4- Trimethylbenzene	95-63-6	30 - 40	25 ppm	
1,3,5- Trimethylbenzene	108-67-8	10 - 20	25 ppm	
*Cumene	98-82-8	0 - 5	50 ppm	50 ppm
*Xylene	1330-20-7	0 - 5	100 ppm	100 ppm
*Naphthalene	91-20-3	0.03 - 0.1	10 ppm	10 ppm

\*SARA Title III Section 313 Chemical

## 2. PHYSICAL DATA

APPEARANCE Light Colored	ODOR Aromatic Hydrocarbon	MELTPOINT NA	SPECIFIC GRAVITY 0.88 @ 60°F
VAPOR DENSITY (AIR=1) 4.3	%VOLATILE BY WEIGHT 100	VOC 875 g/l	BULK DENSITY 0.2 (Butyl Acetate =1)
VAPOR PRESSURE 2mmHg@68°F	%SOLUBILITY(H <sub>2</sub> O) None	EVAPORATION RATE 12-15 minutes	BOILING POINT 320-349°F
			PH

## 3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT & METHOD 111°F TCC	NFPA FIRE HAZARDS IDENTIFICATION SYSTEM	
FLAMMABLE LIMITS LEL 1.0% UEL 7% by volume in air		
EXTINGUISHING MEDIA NFPA Class B Extinguishers (CO <sub>2</sub> , dry, foam)		
SPECIAL FIRE FIGHTING PROCEDURES Use fog nozzles to cool closed containers		
UNUSUAL FIRE AND EXPLOSION HAZARDS Keep containers tightly closed. Isolate from heat, elec. equip., sparks and open flames. Closed containers may explode when exposed to extreme heat.		

## 4. PHYSIOLOGICAL EFFECTS

LD50 ORAL (INGESTION) Rat=4.7 g/kg	LD50 DERMAL (SKIN CONTACT) Rat=4 ml/kg	LC50 (INHALATION) Rat=3670 ppm/8hr
PRIMARY ROUTE OF EXPOSURE Inhalation and splashing		THRESHOLD LIMIT VALUE (TLV) 100 ppm

### EFFECTS OF OVEREXPOSURE

Inhalation: Vapors may be irritating and may cause CNS effects, vertigo, muscular weakness, narcosis, confusion.  
Eye: Contact may cause irritation, pain and burns.  
Skin: Contact may cause eczema, dryness, dermatitis.  
Ingestion: May cause burning sensation in mouth, stomach, salivation, nausea, vomiting, coughing, CNS effects, renal or liver toxicity.

**WARNING:** This product contains chemicals known to the State of California to cause cancer, birth defects, and/or other reproductive harm.



THE EUCLID CHEMICAL COMPANY  
19218 REDWOOD RD  
CLEVELAND, OHIO 44110  
1-800-321-7628 OR 216-531-9222

NE - NOT ESTABLISHED  
NA - NOT APPLICABLE

## 5. EMERGENCY AND FIRST AID PROCEDURES

Inhalation: Move to fresh air. Monitor for respiratory distress. Give oxygen if necessary. If cough or difficulty in breathing occurs, immediately seek medical attention.

Eye: Irrigate eye for 15 minutes. If pain, irritation or burning persists, seek medical attention.

Skin: Wash area twice with soap and water. If pain, irritation or burning persists, seek medical attention.

Ingestion: Administer milk or water. DO NOT induce vomiting. Call a Physician or Poison Control Center immediately. DO NOT give anything orally to an unconscious person.

## 6. U.S. D.O.T. SHIPPING DESCRIPTION

D.O.T. Not Regulated (Road and Rail) Petroleum Distillates, n.o.s. (Contains Petroleum Naphtha), 3, UN1268, PGIII

## 7. SPECIAL PROTECTION INFORMATION

### VENTILATION

Use with adequate fresh air. Use explosion proof ventilation as required. Other special precautions such as respiratory masks may be required in extreme cases.

### RESPIRATORY

Possible NIOSH organic vapor cartridge respirator according to 29 CFR 1910.134

### EYE PROTECTION

Yes

### PROTECTIVE GLOVES

Yes (rubberized)

### OTHER

Protective clothing to prevent skin contact.

All chemicals should be handled so as to prevent eye contact and excessive or repeated skin contact. Appropriate eye and skin protection should be employed. Inhalation of dusts and vapors should be avoided.

## 8. CHEMICAL REACTIVITY

### CONDITIONS CAUSING INSTABILITY

Temperatures over 120°F.

### INCOMPATIBILITY (MATERIALS TO AVOID)

Strong oxidizers

### HAZARDOUS DECOMPOSITION PRODUCTS

Carbon monoxide and other organics.

### SPECIAL SENSITIVITY

NE

## 9. STORAGE INFORMATION

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store full containers tightly sealed. Store in NFPA approved areas.

## 10. SPILL, LEAK, AND DISPOSAL INFORMATION

### STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED

Remove all sources of ignition. Avoid breathing vapors. Ventilate area. Vapors are heavier than air and may accumulate in

### WASTE DISPOSAL METHOD

Dispose of in accordance with all federal, state, and local laws and regulations.

### PREPARED BY

Rich Mikol

### DATE

07/23/03

### PAGE 2 OF

Euco Solvent

### TELEPHONE NUMBER

216-531-9222

### SUPERSEDES MSDS DATED

12/18/02

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.

Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet.

Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.