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Certified Company



THE POWER OF THREE³

PHARMCO-AAPER

AND COMMERCIAL ALCOHOLS

Product Information (203) 740-3471 / Emergency Assistance CHEMTREC 1-800-424-9300 or 202-483-7616

MATERIAL SAFETY DATA SHEETS

Part Number/Trade Name: TRICHLOROETHYLENE
This MSDS is valid for all grades that start with catalog number 348

General Information

Manufacturer:	Pharmco Products Inc. 58 Vale Road Brookfield, Connecticut 06804, USA Phone (203) 740-3471 Fax (203) 740-3481	1101 Isaac Shelby Drive Shelbyville, KY 40065 Phone (502) 633-0650 Fax (502) 633-0685
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Ingredients/Identity Information

Ingredient: TRICHLOROETHYLENE (SARA III)	NIOSH (RTECS) Number: KX4550000
Ingredient Sequence Number: 01	CAS Number: 79-01-6
Percent: 100	OSHA PEL: 100 PPM/100 STEL
	ACGIH TLV: 50 PPM/100,A5STEL;93

Physical/Chemical Characteristics

Appearance And Odor: COLORLESS LIQUID,CHLOROFORM-LIKE ODOR	Specific Gravity: 1.459
Boiling Point: 188F,86.7C	Evaporation Rate And Ref: N/A
Vapor Pressure (MM Hg/70 F): N/A	Solubility In Water: SLIGHT
Vapor Density (Air=1): N/A	Percent Volatiles By Volume: N/A

Fire and Explosion Hazard Data

Flash Point: NONE	Special Fire Fighting Proc: WEAR SELF-CNTND BRTHG APP. H*2O SPRAY COOL CONT.
Lower Explosive Limit: N/A	Unusual Fire And Expl Hazrds: N/A
Upper Explosive Limit: N/A	
Extinguishing Media: NON FLAMMABLE-USE NORMAL FIRE FIGHTING PROCEDURES	

Reactivity Data

Stability: YES
Cond To Avoid (Stability): OPEN FLAME,IGNITION SOURCES,HOT SURFACES.
Materials To Avoid: STRONG BASES(CAUSTIC POTASH OR SODA)
Hazardous Decomp Products: EXPECT HCL,PHOSGENE,CHLORINE.
Hazardous Poly Occur: NO

Health Hazard Data

INEBRIETY,VOMIT,DIARRHEA,COMA;SKIN:ABSORBED,AVOID;EYES:AVOID.
Emergency/First Aid Proc: INHALE:REMOVE TO FRESH AIR,GIVE CPR/O*2 IF
NEED;INGEST:RINSE MOUTH,REMOVE BY GASTRIC LAVAGE WITH WATER OR SALINE
SOLN.
GET DOCTOR IMMED;DO NOT GIVE ADRENALINE;SKIN/EYES:FLUSH W LG AMTS
H*2O(LIFT
EYELIDS);EXPOSURE ABOVE TLV/ANY SYMPTOMS:CALL PHYSICIAN.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: EVACUATE UNPROTECTED PERSONS. ELIM IGNITION
SOURCES. STOP LEAK. H*2O SPRAY COOL CONT/DIVERT SPILL FROM FIRE/HEAT.
PROVIDE VENTILATION. ABSORB W COMMERCIAL ABSORBENT,SHOVEL INTO METAL
DRUMS;
LG SPILL:DIKE W COMMERCIAL ABSORBENT,TRANSFER TO COVERED CNT
Waste Disposal Method: KEEP IN COVERED CONTAINERS PENDING DISPOSAL. MAY BE
RECLAIMABLE(SPENT SOLVENT). DISPOSE IN FULL ACCORD WITH APPLICABLE
INTERNATIONAL,FEDERAL,STATE,&LOCAL REGULATIONS.
Precautions-Handling/Storing: STORE IN COOL DRY AREA
Other Precautions: VAPORS MAY COLLECT IN LOW PLACES. DO NOT WEAR
CONTAMINATED CLOTHING(CHEMICAL CANNOT BE REMOVED FROM LEATHER GOODS).
DO
NOT WEAR CONTACT LENS.

Control Measures

Respiratory Protection: CHEMICAL CARTRIDGE RESPIRATOR OR SELF CONTAINED
BREATHING GEAR
Ventilation: GENERAL ACCEPTABLE.USE LOCAL AS NEEDED TO MAINTAIN TLV
Protective Gloves: RUBBER
Eye Protection: CHEMICAL GOGGLES
Other Protective Equipment: APRONS,BOOTS

Transportation Data

DOT PSN Code: OQK	IATA UN ID Number: 1710
DOT Proper Shipping Name: TRICHLOROETHYLENE	IATA Proper Shipping Name: TRICHLOROETHYLENE
DOT Class: 6.1	IATA UN Class: 6.1
DOT ID Number: UN1710	IATA Label: TOXIC *
DOT Pack Group: III	AFI PSN Code: YMD
DOT Label: KEEP AWAY FROM FOOD	AFI Prop. Shipping Name: TRICHLOROETHYLENE
IMO PSN Code: OVL	AFI Class: 6.1
IMO Proper Shipping Name: TRICHLOROETHYLENE	AFI ID Number: UN1710
IMO Regulations Page Number: 6273	AFI Pack Group: III
IMO UN Number: 1710	AFI Label: KEEP AWAY FROM FOOD
IMO UN Class: 6.1	AFI Special Prov: N36
IMO Subsidiary Risk Label: -	AFI Basic Pac Ref: 10-10
IATA PSN Code: YMD	

Disposal Data

Landfill Ban Item: YES

Disposal Supplemental Data: IN CASE OF ACCIDENTAL EXPOSURE OR DISCHARGE,
CONSULT HEALTH AND SAFETY FILE FOR PRECAUTIONS.

1st EPA Haz Wst Code New: U228

1st EPA Haz Wst Name New: TRICHLOROETHYLENE; TRICHLOROETHENE

1st EPA Haz Wst Char New: TOXIC (T)

1st EPA Acute Hazard New: NO

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Label Data
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Special Hazard Precautions: VAPORS MAY CAUSE DIZZINESS OR SUFFOCATION.
EXPOSURE IN AN ENCLOSED AREA MAY BE VERY HARMFUL. CONTACT MAY IRRITATE
OR
BURN SKIN AND EYES. FIRE MAY PRODUCE IRRITATING OR POISONOUS GASES. RUNOFF
FROM FIRE CONTROL OR DILUTION WATER MAY CAUSE POLLUTION.

The information contained herein is based on data considered to be accurate. However, no warranty is expressed regarding the accuracy of these data or the results to be obtained from the use thereof. It is the user's obligation to determine the conditions of safe use of the product.