



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 and catalog numbers

## General Information

Company's Name: PHARMCO PRODUCTS, INC.	Date MSDS Revised: Nishant-8/23/99
Company's Street: 58 VALE RD.	Safety Data Review Date: 8/23/99
Company's City: BROOKFIELD	Preparer's Company: PHARMCO PRODUCTS, INC.
Company's State: CT	Preparer's St Or P. O. Box: 58 VALE RD.
Company's Zip Code: 06804	Preparer's City: BROOKFIELD
Company's Emerg Ph #: (203) 740-3471	Preparer's State: CT
Company's Info Ph #: (203) 740-3471	Preparer's Zip Code: 06804

## 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	

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Reactivity Data  
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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  
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Health Hazard Data  
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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.  
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Precautions for Safe Handling and Use  
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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.  
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Control Measures  
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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  
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Transportation Data  
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DOT PSN Code: OQK  
DOT Proper Shipping Name:  
TRICHLOROETHYLENE  
DOT Class: 6.1  
DOT ID Number: UN1710  
DOT Pack Group: III  
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DOT Label: KEEP AWAY FROM FOOD  
IMO PSN Code: OVL  
IMO Proper Shipping Name:  
TRICHLOROETHYLENE  
IMO Regulations Page Number: 6273  
IMO UN Number: 1710  
IMO UN Class: 6.1  
IMO Subsidiary Risk Label: -  
IATA PSN Code: YMD  
IATA UN ID Number: 1710  
IATA Proper Shipping Name:  
TRICHLOROETHYLENE

IATA UN Class: 6.1  
IATA Label: TOXIC \*  
AFI PSN Code: YMD  
AFI Prop. Shipping Name:  
TRICHLOROETHYLENE  
AFI Class: 6.1  
AFI ID Number: UN1710  
AFI Pack Group: III  
AFI Label: KEEP AWAY FROM FOOD  
AFI Special Prov: N36  
AFI Basic Pac Ref: 10-10

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Disposal Data

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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.

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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.