



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

MATERIAL SAFETY DATA SHEETS

Part Number/Trade Name: FORMALIN 10%
This MSDS is valid for all grades and catalog numbers for 10% Formalin

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

Proprietary: NO	CAS Number: 50-00-0
Ingredient: FORMALDEHYDE (SARA III)	OSHA PEL: SEE 1910.1048
Ingredient Sequence Number: 01	ACGIH TLV: C 0.3 PPM; A2; 9394
Percent: 10	Other Recommended Limit: NONE
NIOSH (RTECS) Number: LP8925000	RECOMMENDED

Physical/Chemical Characteristics

Appearance And Odor: LIQUID;COLORLESS;CHARACTERISTIC ODOR.	Specific Gravity: 1.07
Boiling Point: 216F,102C	Decomposition Temperature: UNKNOWN
Vapor Pressure (MM Hg/70 F): 79	Evaporation Rate And Ref: 1 WATER=1
Vapor Density (Air=1): >1	Solubility In Water: COMPLETE
	Corrosion Rate (IPY): UNKNOWN

Fire and Explosion Hazard Data

Flash Point: NONE
Extinguishing Media: USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.
Special Fire Fighting Proc: WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS.

Other Precautions: FOLLOW LABEL DIRECTIONS.AVOID BREATHING VAPORS.AVOID SKIN AND EYE CONTACT.

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Control Measures

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Respiratory Protection: WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE A NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS.
Ventilation: USE LOCAL EXHAUST.
Protective Gloves: RUBBER
Eye Protection: CHEMICAL SPLASH GOGGLES
Other Protective Equipment: PROTECTIVE CLOTHING,AS NEEDED.PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.
Work Hygienic Practices: WASH HANDS.SEPERATE WORK CLOTHES FROM STREET CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK AREA.
Suppl. Safety & Health Data: NONE

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Transportation Data

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DOT PSN Code: LUO	IATA Proper Shipping Name: POISONOUS LIQUID, N.O.S.
DOT Proper Shipping Name: POISONOUS LIQUIDS, N.O.S.	IATA UN Class: 6.1
DOT Class: 6.1	IATA Label: KEEP AWAY FROM FOOD
DOT ID Number: UN2810	AFI PSN Code: UIV
DOT Pack Group: III	AFI Prop. Shipping Name: POISONOUS LIQUIDS, N.O.S.
DOT Label: KEEP AWAY FROM FOOD	AFI Class: 6.1
IMO PSN Code: LYR	AFI ID Number: UN2810
IMO Proper Shipping Name: POISONOUS LIQUIDS, N.O.S.	AFI Pack Group: III
IMO Regulations Page Number: 6231	AFI Label: KEEP AWAY FROM FOOD
IMO UN Number: 2810	AFI Basic Pac Ref: 10-10
IMO UN Class: 6.1	MMAC Code: NR
IMO Subsidiary Risk Label: -	N.O.S. Shipping Name: FORMALDEHYDE.
IATA PSN Code: UIV	Additional Trans Data: **POISON**
IATA UN ID Number: 2810	

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Disposal Data

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Refer to applicable regional, state and federal codes.

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Label Data

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Common Name: CMS FORMALIN 10% BUFFERED
Signal Word: WARNING!
Acute Health Hazard-Moderate: X
Contact Hazard-Moderate: X
Fire Hazard-Slight: X
Reactivity Hazard-None: X
Special Hazard Precautions: **POISON** THIS IS A 10% SOLUTION OF FORMALDEHYDE.FORMALDEHYDE IS A MUTAGEN BY INHALATION,INGESTION AND SKIN

ABSORPTION.FORMALDEHYDE CAN CAUSE SEVERE EYE AND CONTACT LENS DAMAGE.IT CAN

CAUSE SKIN,RESPIRATORY AND GI TRACT IRRITATION.CHRONIC:MAY CAUSE CANCER. FLUSH WITH WATER FOR 15 MINUTES.IF IRRITATION PERSIST,GET MEDICAL HELP.

INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.

INGEST:GET PROMPT QUALIFIED MEDICAL ATTENTION.IF CONSCIOUS,GIVE 2 GLASSES OF WATER AND INDUCE VOMITING.FORMALDEHYDE CAN NOT BE MADE NON-TOXIC.

Protect Eye: Y

Protect Skin: Y

Protect Respiratory: Y

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.