

An ISO 9001:2000
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: PROPYLENE CARBONATE
This MSDS is valid for all grades and catalog numbers

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

Ingredients/Identity Information

Ingredient: CARBONIC ACID,CYCLIC
PROPYLENE ESTER(CAS #108-32-7)
Ingredient Sequence Number: 01
Percent: 100

NIOSH (RTECS) Number: FF9650000
CAS Number: 108-32-7
ACGIH TLV: UNKNOWN

Physical/Chemical Characteristics

Appearance And Odor: COLORLESS
LIQUID,LITTLE OR NO ODOR.
Boiling Point: 468F/242C
Vapor Pressure (MM Hg/70 F): 17
Vapor Density (Air=1): 3.5

Specific Gravity: 1.2
Evaporation Rate And Ref: UNKNOWN
Solubility In Water: MODERATE
Percent Volatiles By Volume: UNK

Fire and Explosion Hazard Data

Flash Point: 245F COC
Lower Explosive Limit: UNK
Upper Explosive Limit: UNK
Extinguishing Media: SM:DRY CHEM,CO*2,H*2O SPRAY,FOAM;LG:H*2O SPRAY,FOG,OR
FOAM.
Special Fire Fighting Proc: SELF-CNTND BRTHG APP;H*2O SPRAY COOL CONT,
KNOCK DOWN VAPOR.
Unusual Fire And Expl Hazrds: CONTAINER MAY EXPLODE IN HEAT OF FIRE.SPILL/
RUNOFF MAY POLLUTE,CAUSE FIRE AND/OR EXPLOSION

Reactivity Data

Stability: YES
Hazardous Decomp Products: CO*2,CO
Hazardous Poly Occur: NO

Health Hazard Data

Signs/Symptoms Of Overexp: LOW HAZARD TO HEALTH.LIQUID IRRITATING TO THE EYES.

Emergency/First Aid Proc: SKIN:WASH W/SOAP & WATER.EYES:FLUSH W/WATER 15 MIN.INHALED:REMOVE TO FRESH AIR.GIVE CPR/OXYGEN IF NEED.GET MEDICAL ATTENTION.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: ELIMINATE IGNITION SOURCES.EVACUATE UNPROTECTED PERSONS.STOP LEAK.USE H*2O SPRAY TO COOL CONT.SM. SPILL:ABSORB WITH VERMICULITE,EARTH,SAND,OTHER ABSORB MATL.SHOVEL INTO CONT.LG SPILL. DIKE.PUMP INTO SALVAGE TANK.WASH SPILL AREA WELL WITH SOAP & WATER.

Waste Disposal Method: HANDLE AND DISPOSE IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS.MIX WITH FLAMMABLE SOLVENT,SPRAY INTO INCINERATOR EQUIPPED WITH AFTER BURNER AND SCRUBBER.

Precautions-Handling/Storing: STORE IN COOL,DRY,WELL VENTED,LOW FIRE RISK AREA.PROTECT FROM PHYSICAL DAMAGE.KEEP CONTAINERS CLOSED.OBSERVE ALL HAZARD PRECAUTIONS.

Other Precautions: CONTAINERS HAZARDOUS WHEN EMPTY(RETAIN(S) PRODUCT RESIDUE(S).AVOID PROLONGED OR REPEATED CONTACT.REMOVE AND WASH CONTAMINATED CLOTHING.

Control Measures

Respiratory Protection: NONE NORMALLY NEEDED.

Ventilation: MECHANICAL(GEN)/LOCAL EXHAUST RECOMMENDED

Protective Gloves: RUBBER

Eye Protection: SAFETY/CHEM GOGGLES

Other Protective Equipment: NORMAL FULL WORK CLOTHING COVERING ARMS,HANDS AND LEGS

Transportation Data

DOT PSN Code: ZZZ

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

IMO PSN Code: ZZZ

IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

IATA PSN Code: ZZZ

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

AFI PSN Code: ZZZ

AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

Additional Trans Data: PRODUCT UNDER CAT #7050 IS AVAILABLE IN 500G QUANTITIES.PRODUCT IS NOT REGULATED FOR TRANSPORTATION

Disposal Data

Landfill Ban Item: YES

Disposal Supplemental Data: DO NOT INCINERATE CLOSED CONTAINERS.

1st EPA Haz Wst Name New: NOT REGULATED

1st EPA Haz Wst Char New: NOT REGULATED BY RCRA

1st EPA Acute Hazard New: NO

Label Data

Common Name: PROPYLENE CARBONATE 7050

Special Hazard Precautions: LOW HAZARD TO HEALTH.LIQUID IRRITATING TO THE EYES.

Regulatory Data

Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA): No chemicals in this material with known CAS numbers are subject to the reporting requirements of CERCLA.

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.