



An ISO 9001:2000
Certified Company

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

MATERIAL SAFETY DATA SHEETS

Trade Name : Propylene Glycol Methyl Ether Acetate
This MSDS is valid for all grades and catalog numbers

General Information

Company's Name: PHARMCO PRODUCTS, INC.
Company's Street: 58 VALE RD.
Company's City: BROOKFIELD
Company's State: CT
Company's Zip Code: 06804
Company's Emerg Ph #: (203) 740-3471
Company's Info Ph #: (203) 740-3471
Date MSDS Revised: 11/00 PS

Safety Data Review Date: 11/00
Preparer's Company: PHARMCO PRODUCTS,
INC.
Preparer's St Or P. O. Box: 58 VALE RD.
Preparer's City: BROOKFIELD
Preparer's State: CT
Preparer's Zip Code: 06804

Ingredients/Identity Information

Ingredient: Propylene Glycol Methyl Ether Acetate CAS # 108-65-6

Physical/Chemical Properties

Appearance: Colorless liquid
Odor: Aromatic, fruity
Boiling Point: 146C
Melting Point: None Available
Vapor Pressure (MM Hg@ 20C): 3.7
Specific Gravity: 0.968
Autoignition Temperature: 669F, 353C
Flash point: 110F, 43C
Explosion Limits in Air: 13.1% - 1.3 %

Fire Fighting Measures

Special Fire Fighting Procedure: Wear SCBA and Protective Clothing to prevent contact with skin and eyes. Extinguish with CO₂, dry chemical powder or appropriate foam. Combustible liquid.

Unusual Fire and Explosion Hazards:

Emits toxic fumes under fire conditions. Vapor may travel considerable distance to source of ignition and flash back.

Reactivity and Stability Data

Conditions To Avoid : Extended contact with air or oxygen. Heat, sparks, and flame.
Materials To Avoid: Oxidizing Agents, strong acids, strong bases.
Hazardous Decomposition Products: CO,CO2.
Hazardous Polymerization : Will Not Occur.

Hazards Identification

Labeling Precautionary Statements:

Keep Away from sources of ignition.
Keep in a cool, ventilated place.
Flammable.
Combustible
Flammable

Accidental Release Measures

Steps If Matl Released/Spill: Evacuate area. Wear SCBA, rubber boots and heavy rubber gloves. Cover with dry lime or soda ash, pick up, keep in a closed container and hold for waste disposal. Ventilate area and wash spill site after material pickup is complete.

Handling and Storage

Precautions-Handling/Storing:

Store only in tightly closed, properly vented containers away from heat, sparks, open flame and strong oxidizing agents. Storage under nitrogen blanket is recommended. Store in properly lined steel/stainless steel drums. It is recommended that any liquid product exposed to air not be highly concentrated by evaporation without assuring first that there is no peroxide present. Use only non -sparking tools. Properly ground containers before beginning transfer. All equipment must conform to applicable electrical code. Handle empty containers with care. Flammable / combustible residue remains after emptying. Extinguish all ignition sources.

Control Measures

Respiratory Protection: Wear NIOSH/MSHA approved respirator. Avoid breathing vapors.

Protective Gloves: Use chemical resistant gloves.

Eye Protection: Use safety goggles. Do not get in eyes.

Work Hygiene Practices: Avoid prolonged or repeated exposure. Wash thoroughly after handling. Keep tightly closed. Air and light sensitive.

Transportation Data

Hazard Class: 3
ID # : UN3272
Packing Group: II
Label Codes: 3
Proper Shipping Name: Esters, n.o.s. (contains 1-methoxy-2-propanol acetate)

First-Aid Measures

In case of contact, immediately flush eyes with copious amounts of water. If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. If swallowed, wash out mouth with water provided person is conscious. Call a physician. Wash contaminated clothing before reuse.

Toxicological Information

Acute Effects: May be harmful by inhalation, ingestion, or skin absorption. May cause irritation. To the best of our knowledge, the chemical and physical properties have not been thoroughly investigated.

Toxicity Data:

ORL-RAT LD50: 8532 mg/Kg
IPR – MUS LD50: 750 mg/Kg
SKN – RBT LD50: >5 gm/Kg

Disposal Data

This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Refer to applicable regional, state and federal codes.

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.