ESSENTIAL CHEMISTRY. INNOVATIVE SOLUTIONS.

SAFETY DATA SHEET

Print Date: July 30, 2025

Section 1: Product & Company Information

Product Identifier: **Glycol Ether PM Acetate**

Other Means of Identification
Product Number: 152005

Recommended Use and Restrictions on Use
Recommended Use: Solvent
Restrictions on Use: None known.

Manufacturer / Importer / Supplier / Distributor Information
Company Name: CORECHEM Inc.
Address: 4320 Greenway Drive
Knoxville, TN 37918
USA

Information Telephone Number: 1-865-524-4239
Fax Number: 1-865-524-3375
Website: www.corecheminc.com
Contact Person: Regulatory Manager
E-mail: regulatory@corecheminc.com

Emergency Phone Number: Chemtrec® 1-800-424-9300 / Outside USA 1-703-527-3887 *(monitored 24 hours/day)*

Section 2: Hazards Identification

GHS Hazard Classification(s)
In accordance with OSHA Hazard Communication Standard 29 CFR 1910.1200 (HazCom 2012).

Physical Hazard(s)
Flammable, Liquids - 3
Specific Target Organ Toxicity (STOT)-CNS, Single exposure - 3

Health Hazard(s)
Not classified.

Environmental Hazard(s)
Not classified.

Label Elements
Signal Word
WARNING

Hazard Symbol(s)

Hazard Statement(s)
H226: Flammable liquid and vapor.
H336: May cause drowsiness or dizziness.

Precautionary Statements
General
Not applicable.

Prevention
P210: Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233: Keep container tightly closed.
P240: Ground/bond container and receiving equipment.
P241: Use explosion-proof electrical/ventilating/lighting/equipment.
P242: Use only non-sparking tools.
P243: Take precautionary measures against static discharge.
P261: Avoid breathing dust/fume/gas/mist/vapors/spray.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response
P303 + P361 + P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
P312: Call a POISON CENTER or doctor/physician if you feel unwell.
P370 + P378: In case of fire: Use suitable extinguishing media for extinction.

Storage

P403 + P233: Store in a well-ventilated place. Keep container tightly closed.
P403 + P235: Store in a well-ventilated place. Keep cool.

Disposal

P501: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Hazard(s) not otherwise classified (HNOC)

None known.

Section 3: Composition/Information on Ingredients

Substance

Chemical Identity [2]	Common Name/Synonym(s)	CAS # [3]	Weight %	Impurity or Stabilizing Additive
1-methoxy-2-acetoxypropane	Glycol Ether PM Acetate	108-65-6	75 - 100%	No
2-methoxy-1-propyl acetate		70657-70-4	0.1 – 1.0%	-

1. Information regarding the composition and the percent ranges of the mixtures ingredients are not presented as it Confidential Business Information (CBI). Where a medical emergency exists (as determined by medical professional), timely disclosure of CBI is assured. The information omitted pertains to only the names of the substances and the concentration in the mixture (product) and can only be requested by a doctor/physician or Local/State/Provincial or Federal Authority.
2. Non-hazardous ingredients are not presented as to protect the proprietary formula of the product.
3. "—"Indicates ingredient is a mixture and contains multiple ingredients or may have no identifying CAS number.

Section 4: First-Aid Measures

General Information

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Wash contaminated clothing before reuse.

Inhalation

Rescuers should put on appropriate protective gear. Remove from area of exposure. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep victim warm. Get immediate medical attention.

Skin Contact

Immediately wash with soap and water. Get medical attention promptly if irritation develops or persists. Remove contaminated shoes and clothes and clean before reuse.

Eye Contact

Immediately flush eyes with water. Flush eyes with water for a minimum of 15 minutes, occasionally lifting and lowering upper lids. Get medical attention promptly.

Ingestion

Small amounts which accidentally enter mouth should be rinsed out until taste of it is gone. If swallowed, do NOT induce vomiting. Get medical attention.

Most important symptoms/effects, acute and delayed

Symptoms

None known.

Indication of immediate medical attention and special treatment needed

Hazards

None known.

Treatment

Treat symptomatically.

Section 5: Fire-Fighting Measures

General Fire Hazards

Flammable liquid and vapor.

Suitable (and Unsuitable) Extinguishing Media

Suitable Extinguishing Media

Extinguishing powder, alcohol resistant foam, carbon dioxide, water fog

Unsuitable Extinguishing Media

No data available.

Specific Hazards Arising from the Chemical

Flammable liquid and vapor. Can form explosive mixtures at temperatures at or above the flashpoint. May cause flash fire or explosion. Vapors can travel to a source of ignition and flash back. Empty containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. Also, do not reuse container without commercial cleaning or reconditioning. Closed container may explode under extreme heat.

Special Protective Equipment and Precautions for Firefighters

Special Fire-Fighting Equipment Procedures

As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Use water with caution. Material will float and may ignite on surface of water. Water may be ineffective in fighting the fire. Avoid use of solid water streams. Do not use water jet (frothing possible). Water spray to cool containers or protect personnel. Use with caution. Water runoff can cause environmental damage. Dike and collect water used to fight fire.

Special Protective Equipment for Fire-Fighters

As in any fire, wear self-contained breathing apparatus pressure-demand (OSHA/NIOSH approved or equivalent) and full protective gear.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Wear appropriate personal protective equipment. (See Exposure Controls / Personal Protection Section.)Eliminate all ignition sources. Prevent additional discharge of material if able to do so safely. Do not touch or walk through spilled material. Avoid runoff into storm sewers and ditches which lead to waterways. Ventilate spill area. Stay upwind of spill. Collect spilled materials for disposal. Use only non-combustible material for clean-up. Use clean, non-sparking tools to collect absorbed materials. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. After removal, wash spill area to remove trace residue.

Methods and Materials for Containment and Clean-Up

Eliminate all ignition sources if safe to do so. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Clean surface thoroughly to remove residual contamination. Dike far ahead of larger spill for later recovery and disposal.

Notification Procedures

In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

Environmental Precautions

Avoid release to the environment.

Section 7: Handling and Storage

Precautions for Safe Handling

Use only in a well-ventilated area. Avoid breathing vapor, fumes or mist. Avoid contact with eyes, skin, and clothing. Potential peroxide former. If peroxide formation is suspected, do not open or move container. Material accumulates static charge (ignition source). Take precautionary measures against static discharge. Ground and bond containers when transferring material. Use spark-proof tools and explosion proof equipment. Always open containers slowly to allow any excess pressure to vent. After opening, purge container with nitrogen before reclosing. Follow all MSDS/label precautions even after containers are emptied because they may retain product residues.

Conditions for Safe Storage, including any Incompatibilities

Keep away from heat, sparks, and flame. Containers can build up pressure if exposed to heat (fire). Store containers in a cool, well-ventilated place. Keep container closed when not in use. Storage under nitrogen atmosphere is recommended. Protect from direct sunlight.

Section 8: Exposure Controls/Personal Protection

Control Parameters

Occupational Exposure Limits

Chemical Name	Type	Value	Agency
1-methoxy-2-acetoxypropane	TWA	100 ppm	ACGIH

Biological Limit Values

The product does not contain any relevant quantities of hazardous materials with assigned biological limit values.

Appropriate Engineering Controls

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Individual protection measures, such as personal protective equipment (PPE)

General Information

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. An eye wash and safety shower must be available in the immediate work area. Use explosion-proof ventilation equipment.

Eye/Face Protection

Wear safety glasses with side shields.

Skin Protection

Hand Protection

Wear impervious gloves to prevent contact with the skin. Wear protective gear as needed - apron, suit, boots.

Other

Wear appropriate chemical resistant clothing.

Respiratory Protection

A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

Hygiene Measures

Do not eat, drink, or smoke in areas where this material is used. Avoid breathing vapors. Remove contaminated clothing and wash before reuse. Wash thoroughly after handling. Wash hands before eating.

Section 9: Physical and Chemical Properties

Appearance:
- Physical State: Liquid
- Color: Colorless

Odor: No data available.
Odor Threshold: Not determined.
pH: 6.8
Melting Point/Freezing Point: -85 °F
Initial Boiling Point and Boiling Range: 284 - 302 °F
Flash Point: 114 °F
Evaporation Rate (butyl acetate=1)**:** 0.3
Flammability (solid, gas): No data available.
Upper/Lower Limit on Flammability or Explosive Limits
- Flammability Limit – Upper: No data available.
- Flammability Limit – Lower: No data available.
- Explosive Limit – Upper: 12.0
- Explosive Limit – Lower: 1.5

Vapor Pressure: 0.006 mmHg @25 °C
Vapor Density (air =1)**:** 4.6
Relative Density (water=1)**:** 0.974
Solubility(ies):
- Solubility in water: Soluble.
- Solubility (other): No data available.

Partition coefficient (n-octanol/water): Pow: 3.6 Log Pow: 0.56
Auto-Ignition Temperature: No data available.
Decomposition Temperature: (HPDTA) No exotherm to boiling (at 150 psig)
Viscosity: No data available.

Other Information:
- Molecular Weight: No data available.
- Formula: No data available.

Section 10: Stability and Reactivity

Reactivity
No dangerous reaction known under conditions of normal use.

Chemical Stability
Material is stable under normal conditions.

Possibility of Hazardous Reactions
Forms peroxides if material becomes uninhibited.

Conditions to Avoid
Avoid impact, friction, heat, sparks, flame and source of ignition. Minimize exposure to air. Avoid static discharge.

Incompatible Materials
Prevent contact with strong oxidizing agents. Avoid moisture and humidity.

Hazardous Decomposition Products
Toxic gases/fumes are given off during burning or thermal decomposition. During combustion carbon monoxide may be formed. During combustion carbon dioxide may be formed.

Section 11: Toxicological Information

Information on routes of exposure

Ingestion: Ingestion may cause gastrointestinal tract irritation. May cause nausea, diarrhea, and/or vomiting.
Inhalation: Vapors can cause irritation to the respiratory tract. May cause central nervous system depression. Adverse symptoms may include the following: nausea or vomiting, headache, drowsiness/fatigue, dizziness/vertigo, unconsciousness. May cause coughing, sneezing and chest discomfort.
Skin Contact: Causes defatting of the skin. May cause skin dryness and irritation.
Eye Contact: Contact with the eye may cause moderate irritation. Symptoms may include stinging, tearing, redness and swelling.

Information on Toxicological Effects

Acute Toxicity (List all possible routes of exposure)

Oral
1-Methoxy-2-Acetoxypropane: LD 50: > 6190 mg/kg
2-Methoxy-1-Propyl Acetate: LD 50 (Rat): > 2000 mg/kg

Dermal
2-Methoxy-1-Propyl Acetate: LD 50: > 2000 mg/kg
1-Methoxy-2-Acetoxypropane: LD 50: > 5000 mg/kg

Inhalation
2-Methoxy-1-Propyl Acetate: LC 50: > 20 mg/L
1-Methoxy-2-Acetoxypropane: LD 50: > 20 mg/L

Repeated Dose Toxicity
No data available.

Skin Corrosion/Irritation
None

Serious Eye Damage/Eye Irritation
Very slight

Respiratory/Skin Sensitization
Non-sensitizing

Carcinogenicity
IARC Monographs on the Evaluation of Carcinogenic Risks to Humans
1-methoxy-2-acetoxypropane: 3- Not classifiable as to its carcinogenicity to humans.
US. National Toxicology Program (NTP) Report on Carcinogens
No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)
No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Germ Cell Mutagenicity
In Vitro
No data available.
In Vivo
No data available.

Reproductive Toxicity
No data available.

Specific Target Organ Toxicity – Single Exposure
No data available.

Specific Target Organ Toxicity – Repeated Exposure
No data available.

Aspiration Hazard
No data available.

Other Effects
None known.

Section 12: Ecological Information

Ecotoxicity
Acute Hazards to the Aquatic Environment
Fish
No data available.
Aquatic Invertebrates
No data available.
Toxicity to Aquatic Plants
No data available.

Chronic Hazards to the Aquatic Environment
Fish
No data available.
Aquatic Invertebrates
No data available.
Toxicity to Aquatic Plants
No data available.

Persistence and Degradability
Biodegradation
No data available.
BOD/COD Ratio
No data available.

Bioaccumulative Potential
Bioconcentration Factor (BCF)
No data available on bioaccumulation.
Partition Coefficient n-octanol / water (log Kow)
No data available.

Mobility in Soil
No data available.

Other Adverse Effects

No data available.

Section 13: Disposal Considerations

Disposal Instructions

Wear appropriate personal protective equipment. (See Exposure Controls / Personal Protection Section.) Eliminate all ignition sources. Prevent additional discharge of material if able to do so safely. Do not touch or walk through spilled material. Avoid runoff into storm sewers and ditches which lead to waterways. Ventilate spill area. Stay upwind of spill. Collect spilled materials for disposal. Use only non-combustible material for clean-up. Use clean, non-sparking tools to collect absorbed materials. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. After removal, wash spill area to remove trace residue. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Contaminated Packaging

Handle contaminated packages in the same way as the substance itself. Emptied containers may retain hazardous residue and explosive vapors. Keep away from heat, sparks, and flames. Do not cut, puncture, or weld on or near this container. Follow label warnings until container is thoroughly cleaned or destroyed.

Section 14: Transportation Information

US Department of Transportation (DOT)

UN Number:	UN3272
UN Proper Shipping Name:	Esters, n.o.s. (1-methoxy-2-propanol acetate) - Combustible Liquid
Technical Name:	Propylene Glycol Monomethyl Ether Acetate
Hazard Class:	3
Subsidiary Hazard Risk:	-
Packing Group:	III
DOT Label/Placard Exemptions:	Not determined
Special Provisions:	B1, IB3, T4, TP1, TP29
Packaging Exceptions:	49CFR 173.150
Packaging Non-Bulk:	49CFR 173.203
Packaging Bulk:	49CFR 173.242
Reportable Quantity (RQ):	None
Marine Pollutant:	No
Poison Inhalation Hazard:	No
Special precautions for user:	Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.
Emergency Response Guidebook (ERG) #:	128

Important Note: Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Consult your company's Hazardous Materials/Dangerous Goods expert for information specific to your situation.

Section 15: Regulatory Information

US Federal Regulations

Toxic Substance Control Act (TSCA), Chemical Substance Inventory, Section 8(b)

This product or ingredient(s) are not listed on the TSCA inventory. Any impurities present in this product are exempt from listing.

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Hazardous Substance List (40 CFR 302.4)

No chemical(s) in this material are subject to the reporting requirements of CERCLA.

Clean Air Act (CAA), Section 112(r)

No chemical(s) in this material are subject to the reporting requirements of CAA.

Emergency Planning and Community Right-To-Know Act (EPCRA)

EPCRA 302 Extremely Hazardous Substance

No chemical(s) in this material are subject to the reporting requirements of SARA Title III, Section 302.

EPCRA 304 Emergency Response Notification

No chemical(s) in this material are subject to the reporting requirements of SARA Title III, Section 304.

EPCRA 311/312 Emergency and Hazardous Materials Reporting

Fire Hazard:	Yes
Sudden Release of Pressure:	No
Reactive:	No
Acute (Immediate) Health Hazard:	No
Chronic (Delayed) Health Hazard:	No

EPCRA 313 Toxic Chemical Release Inventory (TRI) Reporting

This material does not contain any chemical(s) with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US State Regulations

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Important Note: Due to the changing nature of regulatory requirements, the information in this document should NOT be considered all-inclusive or authoritative. Users should make their own investigations to determine the suitability of the information for their particular purposes. International, Federal, State and Local regulations should be consulted to determine compliance with all required reporting requirements.

Section 16: Other Information

Hazardous Materials Identification System (HMIS®) Classification

Health Hazard: 1
Chronic Health Hazard: /
Flammability: 2
Physical Hazard: 0
Personal Protection: X
(Hazard Rating: 0 – Minimal / 1 – Slight / 2 – Moderate / 3 – Serious / 4 – Severe)

National Fire Protection Association (NFPA 704) Rating

Health Hazard: 1
Fire Hazard: 2
Reactivity Hazard: 0
Special: N/A
(Hazard Rating: 0 – Minimal / 1 – Slight / 2 – Moderate / 3 – Serious / 4 – Severe)

Prepared By: Regulatory Manager
Version #: 001
Issue Date: July 30, 2015
Last Revised By: Regulatory Assistant C
Last Revision Date: 10/19/2022
Current Revision: 01
Sections Revised: 2-13, 16

Key to Abbreviations and Acronyms

ATE - Acute Toxicity Estimate
BCF - Bioconcentration Factor
EC50 - Effective concentration, 50%
IDHL – Immediately Dangerous to Life and Health
Kg – Kilogram
l – Liter
lb – Pound
LC50 - Lethal Concentration, 50%
LD50 - Lethal Dose, 50%
mg - milligram
ml – milliliter
N/A – Not Applicable
N/D – Not Determined
PEL – Permissible Exposure Limit
REL – Recommended Exposure Limit
STEL – Short-term Exposure Limit
TWA - Time weighted average
ACGIH - American Conference of Industrial Hygienists
AIHA – American Industrial Hygiene Association
BEI - Biological Exposure Indices
CAS – Chemical Abstracts Service
DOT – US Department of Transportation
EPA – US Environmental Protection Agency
GHS - Globally Harmonized System of Classification and Labelling of Chemicals
IARC - International Agency for Research on Cancer
IATA - International Air Transport Association
IBC - Intermediate Bulk Container
IMDG - International Maritime Dangerous Goods
NIOSH – National Institute for Occupational Safety and Health
NTP – National Toxicology Program
OSHA – US Occupational Health and Safety Administration
SARA – US EPA Superfund Amendments and Reauthorization Act
TSCA – US EPA Toxic Substances Control Act
UN - United Nations

References

HSDB® - Hazardous Substances Data Bank

Disclaimer

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