

Safety Data Sheet

MAPEPLAN P CA

Safety Data Sheet dated: 04/22/2026 - version 1

Date of first edition: 04/22/2026

1. IDENTIFICATION

Product identifier used on the label

Mixture identification:

Trade name: MAPEPLAN P CA

Trade code: 9067464

Recommended use of the chemical and restrictions on use

Recommended use: Not available

Restrictions on use: Not available

Name, U.S. address, and U.S. telephone number of the chemical manufacturer, importer, or other responsible party

Company: Polyglass U.S.A. Inc.

1111 West Newport Center Drive - 33442 - Deerfield Beach - FL - USA

Phone: 866-222-9782

Responsible: RDProductSafety@mapei.com

Emergency 24 hour numbers:

Emergency Number (USA/Canada) CHEMTREC 1(800) 424-9300 / 1(703) 527-3887

Emergency Transport CANUTEC (Canada) 1-613-996-6666

2. HAZARD(S) IDENTIFICATION



Classification of the chemical

Flammable gas, Category 1A

Extremely flammable gas.

Gases under pressure (Dissolved gas)

Contains gas under pressure; may explode if heated.

Eye irritation, Category 2A

Causes serious eye irritation.

Specific target organ toxicity following single exposure, Category 3

May cause drowsiness or dizziness.

Label elements

Hazard pictograms and Signal Word



Danger

Hazard statements

H220 Extremely flammable gas.

H280 Contains gas under pressure; may explode if heated.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

Precautionary statements

P210 UN5\$P210

P261 Avoid breathing mist/vapours/spray.

P264 Wash skin thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 CA2\$P280.D

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 Call a doctor if you feel unwell.

P337+P313 If eye irritation persists: Get medical advice/attention.

P377 Leaking gas fire: Do not extinguish, unless leak can be stopped safely.

P381 In case of leakage, eliminate all ignition sources.
P410+P403 Protect from sunlight. Store in a well-ventilated place.
P501 Dispose of contents/container in accordance with applicable regulations.

Hazards associated with foreseeable chemical reactions

None

Ingredient(s) with unknown acute toxicity:

None

Hazards not otherwise classified identified during the classification process:

None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Not Relevant

Mixtures

Hazardous components within the meaning of 29 CFR 1910.1200 and related classification:

List of components

Qty	Name	Ident. Numb.	Classification
≥60 - <70 %	acetone; propan-2-one	CAS:67-64-1 EC:200-662-2 EU CLP Index:606-001-00-8	Flam. Liq. 2, H225; Eye Irrit. 2A, H319; STOT SE 3, H336
≥5 - <10 %	dimethyl ether; Methane, 1,1'-oxybis-	CAS:115-10-6 EC:204-065-8 EU CLP Index:603-019-00-8	DxPhrase: B.2/1, H220; Liquef. Gas, H280

The actual concentration of the components listed above is withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose of safely.

After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Protect uninjured eye.

In case of Ingestion:

Do not induce vomiting, get medical attention showing the SDS and the hazard label.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

Most important symptoms/effects, acute and delayed

Eye irritation

Eye damages

Indication of any immediate medical attention and special treatment needed

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

(see paragraph 4.1)

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media:

CO2 or Dry chemical fire extinguisher.

Unsuitable extinguishing media:

None in particular.

Specific hazards arising from the chemical

Do not inhale explosion and combustion gases.
Burning produces heavy smoke.
Hazardous combustion products: Not available
Explosive properties: Not available
Oxidizing properties: Not available

Special protective equipment and precautions for fire-fighters

Use suitable breathing apparatus.
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Move undamaged containers from immediate hazard area if it can be done safely.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.
Remove all sources of ignition.
Remove persons to safety.
Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
Limit leakages with earth or sand.

Methods and material for containment and cleaning up

Suitable material for taking up: absorbing material, organic, sand
Retain contaminated washing water and dispose it.

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.
Do not use on extensive surface areas in premises where there are occupants.
Don't use empty container before they have been cleaned.
Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.
Contaminated clothing should be changed before entering eating areas.
Do not eat or drink while working.
See also section 8 for recommended protective equipment.

Conditions for safe storage, including any incompatibilities

Always keep in a well ventilated place.
Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Cool and adequately ventilated.

Storage temperature: Not available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational Exposure Limits (OEL)

	OEL Type	Country	Occupational Exposure Limit
acetone; propan-2-one CAS: 67-64-1	ACGIH		Long Term: 250 ppm; Short Term: 500 ppm A4, BEI - URT and eye irr, CNS impair
	MAK	GERMANY	Long Term: 1200 mg/m ³ - 500 ppm
	OSHA		Long Term: 2400 mg/m ³ - 1000 ppm
	ACGIH		Long Term: 250 ppm; Short Term: 500 ppm A4 - Not Classifiable as a Human Carcinogen; CNS impairment; eye and upper respiratory tract irritation
	MAK	AUSTRIA	Long Term: 1200 mg/m ³ - 500 ppm; Short Term: 4800 mg/m ³ - 2000 ppm
dimethyl ether; Methane, 1,1'-oxybis- CAS: 115-10-6	MAK	SWITZERLAND	Long Term: 1200 mg/m ³ - 500 ppm
		D	
	EU		Long Term: 1210 mg/m ³ - 500 ppm

MAK AUSTRIA Long Term: 1910 mg/m³ - 1000 ppm; Short Term: 3820 mg/m³ - 2000 ppm
MAK SWITZERLAND Long Term: 1910 mg/m³ - 1000 ppm
D
EU Long Term: 1920 mg/m³ - 1000 ppm

Biological limit values

acetone; propan-2-one Biological Indicator: Acetone; Sampling Period: End of turn
CAS: 67-64-1 Value: 25 mg/L; Medium: Urine
Remark: Not Specific

Predicted No Effect Concentration (PNEC) values

acetone; propan-2-one Exposure Route: Freshwater sediments; PNEC Limit: 30.4 mg/kg
CAS: 67-64-1
Exposure Route: Marine water sediments; PNEC Limit: 3.04 mg/kg
Exposure Route: Fresh Water; PNEC Limit: 10.6 mg/l
Exposure Route: Marine water; PNEC Limit: 1.06 mg/l
Exposure Route: Soil; PNEC Limit: 29.5 mg/l
Exposure Route: Microorganisms in sewage treatments; PNEC Limit: 100 mg/l
dimethyl ether; Methane, Exposure Route: Fresh Water; PNEC Limit: 0.155 mg/l
1,1'-oxybis-
CAS: 115-10-6

Derived No Effect Level (DNEL) values

acetone; propan-2-one Exposure Route: Human Dermal; Exposure Frequency: Long Term, systemic effects
CAS: 67-64-1 Worker Industry: 186 mg/kg
Exposure Route: Human Inhalation; Exposure Frequency: Short Term, systemic effects
Worker Industry: 2420 mg/m³
Exposure Route: Human Inhalation; Exposure Frequency: Long Term, systemic effects
Worker Industry: 1210 mg/m³
Exposure Route: Human Oral; Exposure Frequency: Long Term, systemic effects
Consumer: 62 mg/kg
Exposure Route: Human Dermal; Exposure Frequency: Long Term, systemic effects
Consumer: 62 mg/kg
Exposure Route: Human Inhalation; Exposure Frequency: Long Term, systemic effects
Consumer: 200 mg/m³
Exposure Route: Human Inhalation; Exposure Frequency: Short Term, local effects
Worker Industry: 2420 mg/m³
dimethyl ether; Methane, Exposure Route: Human Inhalation; Exposure Frequency: Long Term, systemic effects
1,1'-oxybis- Worker Industry: 1894 mg/m³; Consumer: 471 ppm
CAS: 115-10-6

Appropriate engineering controls: Not available

Individual protection measures

Eye protection:

Use close fitting safety goggles, don't use contact lenses.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Suitable materials for safety gloves; 29 CFR 1910.138 - ANSI/ISEA 105:

Polychloroprene - CR: thickness $\geq 0,5$ mm; breakthrough time ≥ 480 min.

Nitrile rubber - NBR: thickness $\geq 0,35$ mm; breakthrough time ≥ 480 min.

Butyl rubber - IIR: thickness $\geq 0,5$ mm; breakthrough time ≥ 480 min.

Fluorinated rubber - FKM: thickness $\geq 0,4$ mm; breakthrough time ≥ 480 min.

Use impervious gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:

Respiratory protection must be used where exposure levels exceed workplace exposure limits. Refer to 29 CFR 1910.134 - CSA Z94.4 for information on selection and use of appropriate respiratory protection equipment.

Use adequate protective respiratory equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state:	Gas
Appearance and colour:	aerosol
Odour:	solvent like
Odour threshold:	No data available
Melting point / freezing point:	No data available
Initial boiling point and boiling range:	-0.5 °C (31.1 °F)
Flammability:	The product is classified Flam. Gas 1A
Upper/lower flammability or explosive limits:	No data available
Flash point:	-41 °C (-42 °F)
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
pH:	No data available
Viscosity:	No data available
Kinematic viscosity:	No data available
Solubility in water:	No data available
Solubility in oil:	No data available
Partition coefficient (n-octanol/water):	No data available
Vapour pressure:	No data available
Evaporation rate:	No data available
Relative density:	0.87 g/cm ³
Vapour density:	No data available

Particle characteristics:

Particle size:	No data available
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Other information

Explosive properties:	No data available
Oxidizing properties:	No data available
Solid/gas flammability:	No data available
Substance Groups relevant properties:	No data available
Miscibility:	No data available
Fat Solubility:	No data available
Conductivity:	No data available

10. STABILITY AND REACTIVITY

Reactivity

Stable under normal conditions

Chemical stability

Data not available.

Possibility of hazardous reactions

None.

Conditions to avoid

Stable under normal conditions.

Incompatible materials

Avoid contact with combustible materials. The product could catch fire.

Hazardous decomposition products

None.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Toxicological Information of the Preparation

a) acute toxicity	Not classified Based on available data, the classification criteria are not met
b) skin corrosion/irritation	Not classified Based on available data, the classification criteria are not met
c) serious eye damage/irritation	The product is classified: Eye irritation, Category 2A(H319)
d) respiratory or skin sensitisation	Not classified Based on available data, the classification criteria are not met
e) germ cell mutagenicity	Not classified Based on available data, the classification criteria are not met
f) carcinogenicity	Not classified Based on available data, the classification criteria are not met
g) reproductive toxicity	Not classified Based on available data, the classification criteria are not met
h) STOT-single exposure	The product is classified: Specific target organ toxicity following single exposure, Category 3(H336)
i) STOT-repeated exposure	Not classified Based on available data, the classification criteria are not met
j) aspiration hazard	Not classified Based on available data, the classification criteria are not met

Toxicological information on main components of the mixture:

acetone; propan-2-one	a) acute toxicity	LD50 Oral Rat = 5800 mg/kg LD50 Skin Rabbit = 20000 mg/kg LC50 Inhalation Rat = 76 mg/l 4h LC50 Inhalation Rat = 50100 mg/m ³ 8h
dimethyl ether; Methane, 1,1'-oxybis-	a) acute toxicity	LC50 Inhalation Rat = 164000 ppm 4h

Substance(s) listed on the IARC Monographs:

None

Substance(s) listed as OSHA Carcinogen(s):

None

Substance(s) listed as NIOSH Carcinogen(s):

None

Substance(s) listed on the NTP report on Carcinogens:

None

12. ECOLOGICAL INFORMATION

Toxicity

Adopt good working practices, so that the product is not released into the environment.

Eco-Toxicological Information:

List of Eco-Toxicological properties of the product

Not classified for environmental hazards.

Based on available data, the classification criteria are not met

List of Eco-Toxicological properties of the components

Component	Ident. Numb.	Ecotox Data
acetone; propan-2-one	CAS: 67-64-1 - EINECS: 200- 662-2 - INDEX: 606-001-00-8	a) Aquatic acute toxicity : EC50 Daphnia = 8800 mg/L 48h a) Aquatic acute toxicity : LC50 Fish = 5540 mg/L 96h a) Aquatic acute toxicity : EC50 Algae = 302 mg/L 96h

Persistence and degradability

Component	Persitence/Degradability:
acetone; propan-2-one	Readily biodegradable

Bioaccumulative potential

N.A.

Mobility in soil

N.A.

Other adverse effects

N.A.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Recover if possible.

Methods of disposal:

Disposal of this product, solutions, packaging and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Dispose of surplus and nonrecyclable products via a licensed waste disposal contractor.

Do not dispose of waste into sewers.

Disposal considerations:

Do not allow to enter drains or watercourses.

Dispose of product according to all federal, state and local applicable regulations.

If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned.

Dispose of containers contaminated by the product in accordance with local or national legal provisions. For further information, contact your local waste authority.

Special precautions:

This material and its container must be disposed of in a safe way. Care should be taken when handling untreated empty containers.

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Empty containers or liners may retain some product residues. Do not re-use empty containers.

14. TRANSPORT INFORMATION

UN number

DOT-UN Number: UN3501

ADR-UN number: 3501

IATA-Un number: 3501

IMDG-Un number: 3501

UN proper shipping name

DOT-Proper Shipping Name: Chemical under pressure, flammable, n.o.s (dimethyl ether)

ADR-Shipping Name: CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S. (dimethyl ether)

IATA-Technical name: CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S. (dimethyl ether)

IMDG-Technical name: CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S. (dimethyl ether)

Transport hazard class(es)

DOT-Hazard Class: 2.1

ADR-Class: 2

IATA-Class: 2.1

IMDG-Class: 2.1

Packing group

DOT Packing Group: -

ADR-Packing Group: -

IATA-Packing group: -

IMDG-Packing group: -

Environmental hazards

Marine pollutant: No
Environmental Pollutant: Not Applicable
DOT-RQ: Yes DOT-RQ - Quantity: 5000 lbs

Transport in bulk according to IMO instruments

N.A.
Not Applicable

Special precautions

Department of Transportation (DOT):

DOT-Special Provision(s): 362, T50, TP40
DOT-Label(s): 2.1
DOT-Symbol: N/A
DOT-Cargo Aircraft: 75 kg
DOT-Passenger Aircraft: Forbidden
DOT-Bulk: 313, 315
DOT-Non-Bulk: 335
DOT-Limited Quantity threshold: 0

Road and Rail (ADR-RID) :

ADR-Label: 2.1
ADR-Hazard identification number: 23
ADR-Transport category (Tunnel restriction code): 2 (B/D)

Air (IATA) :

IATA-Passenger Aircraft: Forbidden
IATA-Cargo Aircraft: 218
IATA-Label: 2.1
IATA-Subsidiary hazards: -
IATA-Erg: 10L
IATA-Special Provisioning: A1 A187

Sea (IMDG) :

IMDG-Stowage and handling: Category D SW2
IMDG-Segregation: -
IMDG-Subsidiary hazards: -
IMDG-Special Provisioning: 274 362
IMDG-EMS: [F-D], [S-U]

15. REGULATORY INFORMATION

This Safety Data Sheet has been prepared according to the Hazard Communication Standard 2024 (HCS 2024)

USA - Federal regulations

TSCA - Toxic Substances Control Act

All the components are listed on the TSCA inventory

TSCA listed substances:

acetone; propan-2-one is listed in TSCA Section 8b
dimethyl ether; Methane, 1,1'-oxybis- is listed in TSCA Section 8b

SARA - Superfund Amendments and Reauthorization Act

Section 302 - Extremely Hazardous Substances:

No substances listed

Section 304 - Hazardous substances:

acetone; propan-2-one

Section 313 - Toxic chemical list:

No substances listed

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

Substance(s) listed under CERCLA:

acetone; propan-2-one Reportable quantity: 5000 pounds

CAA - Clean Air Act

CAA listed substances:

acetone; propan-2-one is listed in CAA Section 112(b) - HON
dimethyl ether; Methane, 1,1'-oxybis- is listed in CAA Section 112(b) - HON

CWA - Clean Water Act

CWA listed substances:

No substances listed

USA - State specific regulations

California Proposition 65

Substance(s) listed under California Proposition 65:

No substances listed

Massachusetts Right to know

Substance(s) listed under Massachusetts Right to know:

acetone; propan-2-one

dimethyl ether; Methane, 1,1'-oxybis-

Pennsylvania Right to know

Substance(s) listed under Pennsylvania Right to know:

acetone; propan-2-one

dimethyl ether; Methane, 1,1'-oxybis-

New Jersey Right to know

Substance(s) listed under New Jersey Right to know:

acetone; propan-2-one

dimethyl ether; Methane, 1,1'-oxybis-

Canada - Federal regulations

DSL - Domestic Substances List

All the substances are listed in the DSL.

NDSL - Non Domestic Substances List

This product complies with NDSL inventory

NPRI - National Pollutant Release Inventory

NPRI (National Pollutant Release Inventory) - List of substances listed.

No substances listed

16. OTHER INFORMATION

Safety Data Sheet dated: 4/22/2026 - version 1

Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use. The information herein is presented in good faith and believed to be accurate as of the effective date given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

This document was prepared by a competent person who has received appropriate training.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This SDS cancels and replaces any preceding release.

Code	Description
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H220	Extremely flammable gas.
H225	Highly flammable liquid and vapour.
H280	Contains gas under pressure; may explode if heated.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

Code	Hazard class and hazard category	Description
A.3/2A	Eye Irrit. 2A	Eye irritation, Category 2A
A.8/3	STOT SE 3	Specific target organ toxicity following single exposure, Category 3
B.2/1		Flammable Gases — Category 1
B.5/L	Liquef. Gas	Gases under pressure (Dissolved gas)
B.6/2	Flam. Liq. 2	Flammable Liquids — Category 2

Legend to abbreviations and acronyms used in the safety data sheet:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization.
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.
CLP: Classification, Labeling, Packaging.
EU CLP Index: Index number as reported in Annex VI to EU Reg. 1272/2008
EINECS: European Inventory of Existing Commercial Chemical Substances.
INCI: International Nomenclature of Cosmetic Ingredients.
CAS: Chemical Abstracts Service (division of the American Chemical Society).
GefStoffVO: Ordinance on Hazardous Substances, Germany.
LC50: Lethal concentration, for 50 percent of test population.
LD50: Lethal dose, for 50 percent of test population.
DNEL: Derived No Effect Level.
PNEC: Predicted No Effect Concentration.
TLV: Threshold Limiting Value.
TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
STEL: Short Term Exposure limit.
STOT: Specific Target Organ Toxicity.
WGK: German Water Hazard Class.
KSt: Explosion coefficient.