

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



PROPYLENE

Version	Revision Date:	SDS Number:	Date of last issue: 05/20/2026
1.1	08/14/2026	BEN226	Date of first issue: 05/20/2026

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name	:	PROPYLENE
Synonyms	:	Propene, LPG, Methyl Ethylene, Liquefied Petroleum Gas
Substance No.	:	204-062-1 (EINECS)
Chemical characterization	:	Organic hydrocarbons

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses	:	Manufacture of substances; Use as intermediate; Distribution of substance; Formulation of preparations; Polymer production; Use in a fuel; Propellant
-----------------	---	---

1.3 Details of the supplier of the safety data sheet

Company	Registration number	Telephone
Velogy Polyoléfines France SAS Chemin départemental 54 B.P. 14 13131 Berre l'Etang Cedex France Raffinerie de Berre	01-2119447103-50-0004	+33 (0) 4 42 74 42 74
Tarragona Poliolefinas Iberica S.L. Fabrica Este Carretera Nacional 340, Km 1.156 43006 Tarragona Spain	01-2119447103-50-0437	+34 977 06 50 00
MUO Polyolefine GmbH Berghauser Weg 50 85126 Münchsmünster Germany	01-2119447103-50-0436	+49 (0)8402 76329
Rotterdam Olefins & Polyolefins B.V. Aert van Nesstraat 45 3012 CA Rotterdam Netherlands	N/A	+31 (0) 10 713 6860

E-mail address	:	RegulatoryComplianceROP@velogy.com
Responsible/issuing person		

1.4 Emergency telephone number

Velogy Polyoléfines France SAS	+33 (0) 4 42 74 42 74
Tarragona Poliolefinas Iberica S.L.	+32 3 575 1235

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



PROPYLENE

Version	Revision Date:	SDS Number:	Date of last issue: 05/20/2026
1.1	08/14/2026	BEN226	Date of first issue: 05/20/2026

MUO Polyolefine GmbH +49 (0) 8402 76112

Rotterdam Olefins & Polyolefins B.V. +32 3 575 1235

Poison Center:

National Poisons Information Center (NVIC)

NL: +31 (0)88 755 8000

24 hours all days

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Flammable gases, Category 1

H220: Extremely flammable gas.

Gases under pressure, Liquefied gas

H280: Contains gas under pressure; may explode if heated.

Specific target organ toxicity - single exposure, Category 3, Central nervous system

H336: May cause drowsiness or dizziness.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms



Signal word : Danger

Hazard statements

H220	Extremely flammable gas.
H280	Contains gas under pressure; may explode if heated.
H336	May cause drowsiness or dizziness.

Precautionary statements

Prevention:

P261	Avoid breathing gas.
P271	Use only outdoors or in a well-ventilated area.

Response:

P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell.

Storage:

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



PROPYLENE

Version	Revision Date:	SDS Number:	Date of last issue: 05/20/2026
1.1	08/14/2026	BEN226	Date of first issue: 05/20/2026

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

P405 Store locked up.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.1 Substances

Substance name : Propene

EC-No. : 204-062-1 (EINECS)

Components

Chemical name	CAS-No. EC-No.	Concentration (%) w/w)	M-Factor, SCL, ATE
Propylene	115-07-1 204-062-1	>= 90 - <= 100	

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice : This product is of low acute toxicity.
Simple asphyxiant, high concentrations can displace oxygen and cause drowsiness and dizziness.
Possible cardiac sensitization.
Contact with liquid may cause frostbite.
Remove contaminated clothes except in the case of frostbite.
Always observe self-protection methods
Move out of dangerous area.
Get medical attention immediately.
Do not leave the victim unattended.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



PROPYLENE

Version	Revision Date:	SDS Number:	Date of last issue: 05/20/2026
1.1	08/14/2026	BEN226	Date of first issue: 05/20/2026

Show this material safety data sheet to the doctor in attendance.

- | | |
|-------------------------|--|
| If inhaled | : Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Keep patient warm and at rest.
If breathing is difficult, give oxygen.
If unconscious, place in recovery position and seek medical advice.
In the event of unconsciousness, apnea or cardiac arrest (no pulse), apply cardiopulmonary resuscitation. |
| In case of skin contact | : Dermal contact with rapidly evaporating liquid could result in freezing of the tissues or frostbite.
If frostbite has occurred, seek medical attention immediately; do not rub the affected area or flush with water. To prevent further damage, do not attempt to remove frozen clothing from affected area. If frostbite has not occurred, immediately and thoroughly wash contaminated skin with soap and water. |
| In case of eye contact | : This gas is non-irritating; but direct contact with liquified/pressurized gas or frost particles may produce severe and possibly permanent eye damage from freeze burns.
If eye tissue is frozen, seek medical attention immediately. If tissue is not frozen, thoroughly flush the eyes with large amounts of clean low-pressure water for at least 15 minutes, occasionally lifting the upper and lower eyelids. If irritation persists seek medical attention. |
| If swallowed | : Not applicable (gas). |

4.2 Most important symptoms and effects, both acute and delayed

- | | |
|----------|--|
| Symptoms | : High vapor concentrations may cause central nervous system (CNS) depression with symptoms such as nausea, dizziness, weakness, headache, loss of coordination, loss of consciousness, coma and death. |
| Risks | : May cause drowsiness or dizziness.
Simple Asphyxiant.
Epinephrine and other sympathomimetic drugs may initiate cardiac arrhythmias (irregular beating) in persons exposed to this material.
Skin or eye contact with rapidly evaporating liquid could result in freezing of the tissues or frostbite. |

4.3 Indication of any immediate medical attention and special treatment needed

- | | |
|-----------|---|
| Treatment | : Treat symptomatically.
Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.
Treat frost-bitten areas as needed. |
|-----------|---|

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



PROPYLENE

Version	Revision Date:	SDS Number:	Date of last issue: 05/20/2026
1.1	08/14/2026	BEN226	Date of first issue: 05/20/2026

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : SMALL FIRE: Use dry chemicals, CO2
LARGE FIRES:
Use water spray or fog

Unsuitable extinguishing media : Do not use solid water stream - may spread fire.

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting : Vapors may travel long distances along the ground before reaching a source of ignition and flashing back.
When mixed with air and exposed to ignition source, vapors can burn in open or explode if confined.
Sustained fire attack on vessels may result in a Boiling Liquid Expanding Vapour Explosion (BLEVE).
Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank.
Potential explosion hazard from reignition, if fire is put out without shutting off source.
Move containers from fire area if it can be done without risk.

5.3 Advice for firefighters

Special protective equipment for firefighters : Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighter's protective clothing will only provide limited protection. Always wear thermal protective clothing when handling refrigerated/cryogenic liquids.

Further information : Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank.
Fight fire from maximum distance or use unmanned hose holders or monitor nozzles.
Cool containers with flooding quantities of water until well after fire is out.
Do not direct water at source of leak or safety devices; icing may occur.
DO NOT extinguish a leaking gas fire unless leak can be stopped.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Refer to protective measures listed in sections 7 and 8.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



PROPYLENE

Version	Revision Date:	SDS Number:	Date of last issue: 05/20/2026
1.1	08/14/2026	BEN226	Date of first issue: 05/20/2026

6.2 Environmental precautions

Environmental precautions : If necessary, all contaminated waste water must be treated in a municipal or industrial wastewater treatment plant before release to surface water.

Chemical removal by air and water pollution control devices must meet the minimum efficiency requirements needed to reduce exposures to an acceptable level.
External treatment and disposal of waste should comply with applicable local and/or national regulations.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Prevent entry into waterways, sewers, basements or confined areas.
If possible, turn leaking container so that gas escapes rather than liquid.

6.4 Reference to other sections

For personal protection see section 8., For disposal considerations see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Sudden release of this material from pressurized vessels may result in cryogenic burns (frostbite).
If inspection shows cylinders in poor condition, immediately contact supplier.
Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking.
Keep container tightly closed when not in use.
Take precautionary measures against static discharges.
Use only non-sparking tools.
Bond and ground all equipment before transferring this material from one container to another.
The vapor is heavier than air. Beware of accumulation in pits and confined spaces.
Use in a well-ventilated area.
Wear recommended personal protective equipment.
Contact with liquid and with containers and delivery lines from which LPG has just been drawn, should be avoided to prevent cold burns.
Do not eat, drink, or smoke in areas where this material is used. Do not get in eyes, on skin or clothing.
Consult the U.S. National Fire Protection Association standard for the storage and handling of liquefied petroleum gases (NFPA No. 58) for additional recommendations.

Hygiene measures : Selection of appropriate personal protective equipment should be based on an evaluation of the performance characteristics of the protective equipment relative to the task(s) to be performed, conditions present, duration of use, and the hazards

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



PROPYLENE

Version	Revision Date:	SDS Number:	Date of last issue: 05/20/2026
1.1	08/14/2026	BEN226	Date of first issue: 05/20/2026

and/or potential hazards that may be encountered during use. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Consult the appropriate European norm (EN) standard before deciding on the type of personal protective equipment that is appropriate for a particular set of circumstances.

Fire-fighting class : Extremely flammable.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep away from direct sunlight. Empty containers may contain flammable product residues. Do not weld, solder, drill, cut or perform similar operations on or near containers. Ensure that all relevant regulations regarding explosive atmosphere, and handling and storage facilities of flammable products are followed. Do not eat, drink or smoke when using this product.

7.3 Specific end use(s)

Specific use(s) : See Section 1.2.
Development of Exposure Scenarios for such use are not required by the REACH Regulation other than what is provided in other sections of this SDS.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Appropriate engineering controls

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.

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

Eye/face protection : Use chemical type goggles and face shield when handling liquefied gases.

Hand protection

Remarks : Wear insulated gloves if contact with liquid is possible. The selected gloves must satisfy the European norm standard EN 511 for protection against the cold.

Skin and body protection : Fire retardant clothing is appropriate for routine occupational use.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



PROPYLENE

Version	Revision Date:	SDS Number:	Date of last issue: 05/20/2026
1.1	08/14/2026	BEN226	Date of first issue: 05/20/2026

Respiratory protection : Use appropriate respiratory protection where atmosphere exceeds recommended limits.
If needed, wear a supplied air respirator conforming to a European norm standard such as EN 139 or equivalent.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	: gaseous
Form	: Liquefied gas
Colour	: colorless
Odour	: odorless
Odour Threshold	: Not applicable
Melting point/range	: -185 °C
Freezing point	no data available
Boiling point/boiling range	: -48 °C
Flammability	: Extremely flammable gas.
Upper explosion limit / Upper flammability limit	: 11 vol%
Lower explosion limit / Lower flammability limit	: 2 vol%
Flash point	: Not applicable (gas).
Decomposition temperature	: Carbon oxides (CO, CO2)
pH	: Not applicable.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



PROPYLENE

Version	Revision Date:	SDS Number:	Date of last issue: 05/20/2026
1.1	08/14/2026	BEN226	Date of first issue: 05/20/2026

Viscosity
Viscosity, kinematic : Not applicable (gas).

Solubility(ies)
Water solubility : 0.2 g/l (25 °C)

Partition coefficient: n-
octanol/water : log Pow: 1.77

Vapour pressure : ~ 10,000 hPa

Density : Not applicable (gas).

9.2 Other information

Explosives : Not applicable

(No chemical groups associated with explosive properties.)

Oxidizing properties : Not considered an oxidizing agent.

Self-ignition : 455 °C

Molecular weight : 42.08 g/mol

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended storage conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions : Not expected to occur.

10.4 Conditions to avoid

Conditions to avoid : Heat, sparks, open flame, and other ignition sources.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



PROPYLENE

Version	Revision Date:	SDS Number:	Date of last issue: 05/20/2026
1.1	08/14/2026	BEN226	Date of first issue: 05/20/2026

10.5 Incompatible materials

Materials to avoid : Halogenated hydrocarbons.
Nitrogen Dioxide.
Fluoride compounds.
Halogens (bromine, chlorine, fluorine).
Strong oxidizing agents.
Metal catalysts.

10.6 Hazardous decomposition products

Not expected to decompose under normal conditions.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Based on available data, the classification criteria are not met.

Components:

Propylene:

Acute oral toxicity	: Remarks: Propylene is a gas with a low boiling point; hence, oral exposure and resulting acute toxicity from this substance are unlikely.
Acute inhalation toxicity	: LC50 (Rat): 10000 ppm Exposure time: 6 HOURS Test atmosphere: gas
Acute dermal toxicity	: Remarks: Propylene is a gas with a low boiling point; hence, dermal uptake and resulting acute toxicity from this substance are unlikely.

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Components:

Propylene:

Assessment : No skin irritation

Serious eye damage/eye irritation

Based on available data, the classification criteria are not met.

Components:

Propylene:

Assessment : No eye irritation

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



PROPYLENE

Version	Revision Date:	SDS Number:	Date of last issue: 05/20/2026
1.1	08/14/2026	BEN226	Date of first issue: 05/20/2026

Respiratory or skin sensitisation

Skin sensitisation

Based on available data, the classification criteria are not met.

Respiratory sensitisation

Based on available data, the classification criteria are not met.

Components:

Propylene:

Assessment : Did not cause sensitization on laboratory animals.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Components:

Propylene:

Germ cell mutagenicity- Assessment : Did not show mutagenic effects in animal experiments.

Carcinogenicity

Based on available data, the classification criteria are not met.

Components:

Propylene:

Carcinogenicity - Assessment : Not classifiable as a human carcinogen.

Reproductive toxicity

Based on available data, the classification criteria are not met.

Components:

Propylene:

Reproductive toxicity - Assessment : Based on available data, the classification criteria are not met.

STOT - single exposure

May cause drowsiness or dizziness.

Components:

Propylene:

Assessment : May cause drowsiness or dizziness.

STOT - repeated exposure

Based on available data, the classification criteria are not met.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



PROPYLENE

Version	Revision Date:	SDS Number:	Date of last issue: 05/20/2026
1.1	08/14/2026	BEN226	Date of first issue: 05/20/2026

Components:

Propylene:

Assessment : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Aspiration hazard

Based on available data, the classification criteria are not met.

Components:

Propylene:

No aspiration toxicity classification

11.2 Information on other hazards

Endocrine disrupting properties

Based on available data, the classification criteria are not met.

Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 12: Ecological information

12.1 Toxicity

Components:

Propylene:

Toxicity to fish	:	LC50 : 67.2 mg/l Exposure time: 96 HOURS
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia (water flea)): 37.1 mg/l Exposure time: 48 HOURS
Toxicity to algae/aquatic plants	:	EC50 (Ankistrodesmus biraianus (green algae)): 24.4 mg/l Exposure time: 96 HOURS
Toxicity to fish (Chronic toxicity)	:	Chronic Toxicity Value: 6.3 mg/l Species: Salmo irideus (Rainbow Trout)
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	:	Chronic Toxicity Value: 3.3 mg/l Species: Daphnia (water flea)

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



PROPYLENE

Version	Revision Date:	SDS Number:	Date of last issue: 05/20/2026
1.1	08/14/2026	BEN226	Date of first issue: 05/20/2026

Ecotoxicology Assessment

Acute aquatic toxicity : Harmful to aquatic life.

12.2 Persistence and degradability

Components:

Propylene:

Biodegradability : Result: Readily biodegradable.

12.3 Bioaccumulative potential

Components:

Propylene:

Bioaccumulation : Remarks: Bioaccumulation is unlikely.

Partition coefficient: n-octanol/water : log Pow: 1.77

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : Preferred disposal for this volatile, flammable product is through combustion.
Comply with applicable local, state or international regulations

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



PROPYLENE

Version	Revision Date:	SDS Number:	Date of last issue: 05/20/2026
1.1	08/14/2026	BEN226	Date of first issue: 05/20/2026

concerning solid or hazardous waste disposal and/or container disposal.

Dispose of in accordance with local regulations.
Contaminated product, soil, water, container residues and spill cleanup materials may be hazardous wastes.
Contaminated product, soil or water should be considered dangerous due to potential evolution of flammable vapor.
The product should not be allowed to enter drains, water courses or the soil.

SECTION 14: Transport information

14.1 UN number or ID number

ADN	:	UN 1077
ADR	:	UN 1077
RID	:	UN 1077
IMDG	:	UN 1077

14.2 UN proper shipping name

ADN	:	PROPYLENE
ADR	:	PROPYLENE
RID	:	PROPYLENE
IMDG	:	PROPYLENE

14.3 Transport hazard class(es)

	Class	Subsidiary risks
ADN	: 2	2.1
ADR	: 2	2.1
RID	: 2	2.1, 13
IMDG	: 2.1	

14.4 Packing group

ADN	
Packing group	: Not assigned by regulation
Classification Code	: 2F
Labels	: 2.1
ADR	
Packing group	: Not assigned by regulation
Classification Code	: 2F
Hazard Identification Number	: 23
Labels	: 2.1

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



PROPYLENE

Version	Revision Date:	SDS Number:	Date of last issue: 05/20/2026
1.1	08/14/2026	BEN226	Date of first issue: 05/20/2026

Tunnel restriction code : B/D

RID

Packing group : Not assigned by regulation
Classification Code : 2F
Hazard Identification Number : 23
Labels : 2.1 (13)

IMDG

Packing group : Not assigned by regulation
Labels : 2.1
EmS Code : F-D, S-U

14.5 Environmental hazards

ADN

Environmentally hazardous : no

ADR

Environmentally hazardous : no

RID

Environmentally hazardous : no

IMDG

Marine pollutant : no

14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

14.7 Maritime transport in bulk according to IMO instruments

Regulatory basis : IGC Code
Product name : PROPYLENE
Ship type : 2G/2PG
Pollution category : N.A.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : Conditions of restriction for the following entries should be considered: Number on list 40

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable

REACH - Candidate List of Substances of Very High Concern for Authorization (Article 59). : Contains no REACH candidate substance above 0.1%

Regulation (EC) No 1005/2009 on substances that de- : Not applicable

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



PROPYLENE

Version 1.1	Revision Date: 08/14/2026	SDS Number: BEN226	Date of last issue: 05/20/2026 Date of first issue: 05/20/2026
----------------	------------------------------	-----------------------	---

plete the ozone layer

Regulation (EU) 2019/1021 on persistent organic pollutants (recast) : Not applicable

REACH - List of substances subject to authorisation (Annex XIV) : Contains no substance(s) listed on REACH XIV (Authorisation List)

Volatile organic compounds : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)
Not applicable

Other regulations:

Take note of Directive 94/33/EC on the protection of young people at work or stricter national regulations, where applicable.

The components of this product are reported in the following inventories:

TCSI : On the inventory, or in compliance with the inventory

TSCA : All substances listed as active on the TSCA inventory

AIIC : On the inventory, or in compliance with the inventory

DSL : All components of this product are on the Canadian DSL

ENCS : On the inventory, or in compliance with the inventory

KECI : On the inventory, or in compliance with the inventory

PICCS : On the inventory, or in compliance with the inventory

IECSC : On the inventory, or in compliance with the inventory

REACH : If the product has been purchased from Rotterdam Olefins & Polyolefins B.V., we confirm that the chemical substances in this product have been registered under REACH, in accordance with the deadlines set forth in REACH. (Regulation (EU) No. 1907/2006).

NZIoC : On the inventory, or in compliance with the inventory

TECI : On the inventory, or in compliance with the inventory

CH BAGREG : On the inventory, or in compliance with the inventory

MXINSQ : On the inventory, or in compliance with the inventory

NCI : On the inventory, or in compliance with the inventory

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



PROPYLENE

Version	Revision Date:	SDS Number:	Date of last issue: 05/20/2026
1.1	08/14/2026	BEN226	Date of first issue: 05/20/2026

- | | | |
|---------|---|--|
| UKREACH | : | If the product has been purchased from Rotterdam Olefins & Polyolefins B.V., we confirm that the chemical substances in this product have been notified with a DUIN or, where required under UK-REACH, registered, and that we have the intention to proceed with any required registration in accordance with the deadlines set forth in the regulation REACH etc. (Amendment etc.) (EU Exit) Regulations 2019. |
| KKDIK | : | If the product has been purchased from Rotterdam Olefins & Polyolefins B.V., we confirm that the chemical substances in this product have been pre-registered or, where required under KKDIK, registered, and that we have the intention to proceed with any required registration in accordance with the deadlines set forth in the regulation. |

15.2 Chemical safety assessment

A Chemical Safety Assessment has been carried out for this substance.

SECTION 16: Other information

Full text of H-Statements

Full text of other abbreviations

Flam. Gas	:	Flammable gases
Press. Gas	:	Gases under pressure
STOT SE	:	Specific target organ toxicity - single exposure

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonised System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organisation; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardisation; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organisation for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic sub-

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by
Commission Regulation (EU) 2020/878



PROPYLENE

Version	Revision Date:	SDS Number:	Date of last issue: 05/20/2026
1.1	08/14/2026	BEN226	Date of first issue: 05/20/2026

stance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

NL / EN