



We create chemistry

BASF Corporation

SYNTHETIC TURF RESOURCES CORP
421 CALLAHAN RD SE
DALTON GA 30721-4904

(0004669598)

12.01.2024
BASF Corporation
100 Park Avenue
Florham Park, NJ 07932

Tel. +1 973 245-6000
Fax. +1 973 245-6839

Product safety data sheets for our products

Dear valued customer,

The enclosed safety data sheet is generated by our automatic distribution system and is sent to you either because it relates to a current order or because a significant change has occurred in the data previously provided.

This safety data sheet replaces the previous version, which is no longer valid.
Please pass these safety data sheets on to the appropriate people.

Queries concerning the content of safety data sheets should be sent direct to the business office indicated in the safety data sheet or to your normal sales contact.

If the product(s) contains chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372, these chemicals are listed in Section 15 of the SDS. If you are unsure of your responsibilities under the Emergency Planning and Community Right-To-Know Act; or you require more information; call the EPA Hotline (1-800-424-9346).

For your convenience we can offer to send the safety data sheets for our products by e-mail as pdf files. Please review and complete page 2 of this letter if you are interested in receiving an e-mail method of distribution.

Best regards

BASF Corporation

Computer generated letter bearing no signature.

BASF Corporation
100 Park Avenue
Florham Park, NJ 07932
Tel: +1 800 526-1072

www.basf.com/usa



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100 Park Avenue
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Tel. +1 973 245-6000
Fax. +1 800 216-8392
E-mail: msdsdistribution@basf.com

Enclosures:

Material name		Our order #:	Your order #:
PLURACOL* 1062 POLYOL	I	0163482454	510924

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Request for safety data sheets by e-mail

In the future you can receive safety data sheets in pdf format by e-mail. We would like to ask for some understanding that the change of the dispatch mode may cause time lags due to the increase of customer requests.

If you would prefer to receive safety data sheets by e-mail, please complete the form below and return this to the above e-mail address or fax number. This form is attached to each shipment of safety data sheets. If you have already returned your completed form please ignore this request.

Dispatch option (please fill in block letters):

- Change over from postal to e-mail dispatch

e-mail address^{a)}: _____

- Change of the e-mail address company or 3rd party SDS manager

E-mail address (old): _____

Change of the e-mail address company or 3rd party SDS manager: _____

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Sender (please fill out legibly for possible future questions):

Company:

Dep.:

Name:

Telephone:

Fax:

e-mail (contact person):

Date, Signature

Safety Data Sheet

PLURACOL® 1062 POLYOL

Revision date : 2023/12/08

Version: 11.0

Page: 1/10

(30076820/SDS_GEN_US/EN)

1. Identification

Product identifier used on the label

PLURACOL® 1062 POLYOL

Recommended use of the chemical and restriction on use

Recommended use*: Chemical, Raw material

Recommended use*: polyurethane component; industrial chemicals

Suitable for use in industrial sector: Polymers industry; chemical industry

Unsuitable for use: Uses other than recommended

* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

Details of the supplier of the safety data sheet

Company:

BASF CORPORATION
100 Park Avenue
Florham Park, NJ 07932, USA

Telephone: +1 973 245-6000

Emergency telephone number

24 Hour Emergency Response Information

CHEMTREC: 1-800-424-9300

BASF HOTLINE: 1-800-832-HELP (4357)

Other means of identification

Chemical family: polyol
Synonyms: POLYETHER POLYOL

2. Hazards Identification

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Classification of the product

No need for classification according to GHS criteria for this product.

Safety Data Sheet

PLURACOL® 1062 POLYOL

Revision date: 2023/12/08
Version: 11.0

Page: 2/10
(30076820/SDS_GEN_US/EN)

Label elements

The product does not require a hazard warning label in accordance with GHS criteria.

Hazards not otherwise classified

No specific dangers known, if the regulations/notes for storage and handling are considered.

3. Composition / Information on Ingredients

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Under the referenced regulation, this product does not contain any components classified for health hazards above the relevant cut off value.

The product contains:

<u>CAS Number</u>	<u>Weight %</u>	<u>Chemical name</u>
63466-93-3	>= 75.0 - < 100.0%	Oxirane, 2-methyl-, polymer with oxirane, ether with oxybis[propanol] (2:1)

4. First-Aid Measures

Description of first aid measures

General advice:

Remove contaminated clothing.

If inhaled:

Remove the affected individual into fresh air and keep the person calm. Assist in breathing if necessary. Immediate medical attention required.

If on skin:

Wash affected areas thoroughly with soap and water. If irritation develops, seek medical attention.

If in eyes:

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Remove contact lenses, if present. Immediate medical attention required.

If swallowed:

Rinse mouth and then drink 200-300 ml of water. Do not induce vomiting. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. Immediate medical attention required.

Most important symptoms and effects, both acute and delayed

Symptoms: Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11.

Hazards: Symptoms can appear later.

Safety Data Sheet

PLURACOL® 1062 POLYOL

Revision date: 2023/12/08
Version: 11.0

Page: 3/10
(30076820/SDS_GEN_US/EN)

Indication of any immediate medical attention and special treatment needed

Note to physician

Treatment: Symptomatic treatment (decontamination, vital functions).

5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media:
water spray, dry powder, carbon dioxide, foam

Unsuitable extinguishing media for safety reasons:
water jet

Special hazards arising from the substance or mixture

Hazards during fire-fighting:
No particular hazards known.

Advice for fire-fighters

Protective equipment for fire-fighting:
Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

Further information:

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

6. Accidental release measures

Further accidental release measures:

High risk of slipping due to leakage/spillage of product.

Personal precautions, protective equipment and emergency procedures

Use personal protective clothing.

Environmental precautions

Do not empty into drains. Do not discharge into the subsoil/soil.

Methods and material for containment and cleaning up

Spills should be contained, solidified, and placed in suitable containers for disposal.

7. Handling and Storage

Precautions for safe handling

Ensure thorough ventilation of stores and work areas. Avoid inhalation of mists/vapours. When using do not eat, drink or smoke. Wear suitable gloves and eye/face protection. Protect against moisture.

Protection against fire and explosion:

No special precautions necessary.

Safety Data Sheet

PLURACOL® 1062 POLYOL

Revision date: 2023/12/08
Version: 11.0

Page: 4/10
(30076820/SDS_GEN_US/EN)

Conditions for safe storage, including any incompatibilities

Segregate from foods and animal feeds. Segregate from acids. Segregate from oxidants.

Suitable materials for containers: Carbon steel (Iron), Stainless steel 1.4301 (V2), High density polyethylene (HDPE), tinned carbon steel (Tinplate), glass, Low density polyethylene (LDPE), Stainless steel 1.4401

Further information on storage conditions: From this information no suitability of the materials mentioned above for the design of installations, including containers for permanent storage, can be inferred. Special conditions apply to the selection of materials in this regard, which we can communicate on request.

Containers should be stored tightly sealed in a dry place.

Storage stability:

Storage temperature: 16 - 27 °C

Protect against moisture.

The stated storage temperature is noted for health and safety in the workplace. With regard to Quality, please refer to the product specific Technical Bulletin.

8. Exposure Controls/Personal Protection

No occupational exposure limits known.

Advice on system design:

Provide local exhaust ventilation to control vapours/mists.

Personal protective equipment

Respiratory protection:

Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator as needed.

Hand protection:

Chemical resistant protective gloves, Protective glove selection must be based on the user's assessment of the workplace hazards.

Eye protection:

Wear face shield or tightly fitting safety goggles (chemical goggles) if splashing hazard exists.

Body protection:

Standard work clothes and shoes., Body protection must be chosen based on level of activity and exposure.

General safety and hygiene measures:

Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice. Wear protective clothing as necessary to prevent contact. Avoid inhalation of vapours/mists. Wash soiled clothing immediately. Do not eat, drink or use tobacco while working. Wash thoroughly after handling.

9. Physical and Chemical Properties

Form:	liquid
Odour:	mild, of polyol
Odour threshold:	not applicable

Safety Data Sheet

PLURACOL® 1062 POLYOL

Revision date: 2023/12/08
Version: 11.0

Page: 5/10
(30076820/SDS_GEN_US/EN)

Colour:	colourless to pale yellow
pH value:	≥ 7
Freezing point:	< 0.0 °C
Melting point:	No data available.
Boiling point:	> 200 °C (760 mmHg)
Sublimation point:	No applicable information available.
Flash point:	> 94 °C (closed cup)
Flammability:	not readily ignited (derived from flash point)
Lower explosion limit:	For liquids not relevant for classification and labelling. The lower explosion point may be 5 - 15 °C below the flash point.
Upper explosion limit:	For liquids not relevant for classification and labelling.
Autoignition:	> 250 °C
Vapour pressure:	< 2 mmHg (25 °C)
Density:	1.02 g/cm ³ (20 °C)
Relative density:	No applicable information available.
Vapour density:	not applicable
Partitioning coefficient n-octanol/water (log Pow):	not applicable
Self-ignition temperature:	not self-igniting
Thermal decomposition:	No decomposition if stored and handled as prescribed/indicated.
Viscosity, dynamic:	840 mPa.s (25 °C)
Viscosity, kinematic:	No applicable information available.
Solubility in water:	sparingly soluble
Solubility (quantitative):	No applicable information available.
Solubility (qualitative):	No applicable information available.
Molar mass:	not applicable
Evaporation rate:	Value can be approximated from Henry's Law Constant or vapor pressure.
Other Information:	If necessary, information on other physical and chemical parameters is indicated in this section.

10. Stability and Reactivity

Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Corrosion to metals:
No corrosive effect on metal.

Oxidizing properties:
not fire-propagating

Chemical stability

The product is stable if stored and handled as prescribed/indicated.

Safety Data Sheet

PLURACOL® 1062 POLYOL

Revision date: 2023/12/08
Version: 11.0

Page: 6/10
(30076820/SDS_GEN_US/EN)

Possibility of hazardous reactions

No hazardous reactions if stored and handled as prescribed/indicated.

Conditions to avoid

Temperature: < 0 degrees Celsius

Incompatible materials

acids, oxidizing agents, isocyanates

Hazardous decomposition products

Decomposition products:

Hazardous decomposition products: carbon monoxide, carbon dioxide, nitrogen oxide, hydrogen cyanide

Thermal decomposition:

No decomposition if stored and handled as prescribed/indicated.

11. Toxicological information

Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Acute Toxicity/Effects

Acute toxicity

Assessment of acute toxicity: No known acute effects.

Oral

No applicable information available.

Inhalation

No applicable information available.

Dermal

No applicable information available.

Assessment other acute effects

Assessment of STOT single:

Based on the available information there is no specific target organ toxicity to be expected after a single exposure.

Origin of data: expert judgement

Irritation / corrosion

Assessment of irritating effects: No irritation is expected under intended use and appropriate handling.

Sensitization

Safety Data Sheet

PLURACOL® 1062 POLYOL

Revision date: 2023/12/08
Version: 11.0

Page: 7/10
(30076820/SDS_GEN_US/EN)

Assessment of sensitization: The chemical structure does not suggest a sensitizing effect. No applicable information available.

Aspiration Hazard

No aspiration hazard expected.

Chronic Toxicity/Effects

Repeated dose toxicity

Assessment of repeated dose toxicity: Repeated oral uptake of the substance did not cause substance-related effects. Repeated inhalative uptake of the substance did not cause substance-related effects. Repeated dermal uptake of the substance did not cause substance-related effects.

Genetic toxicity

Assessment of mutagenicity: The chemical structure does not suggest a specific alert for such an effect. No applicable information available.

Carcinogenicity

Assessment of carcinogenicity: The chemical structure does not suggest a specific alert for such an effect. No applicable information available.

Reproductive toxicity

Assessment of reproduction toxicity: The chemical structure does not suggest a specific alert for such an effect. No applicable information available.

Teratogenicity

Assessment of teratogenicity: The chemical structure does not suggest a specific alert for such an effect. No applicable information available.

Other Information

The product has not been tested. The statement has been derived from the properties of the individual components.

Medical conditions aggravated by overexposure

Data available do not indicate that there are medical conditions that are generally recognized as being aggravated by exposure to this substance/product.

12. Ecological Information

Toxicity

Aquatic toxicity

Assessment of aquatic toxicity:

There is a high probability that the product is not acutely harmful to aquatic organisms. The product has not been tested. The statement has been derived from the properties of the individual components.

Persistence and degradability

Assessment biodegradation and elimination (H₂O)

Poorly biodegradable.

Elimination information

Safety Data Sheet

PLURACOL® 1062 POLYOL

Revision date: 2023/12/08
Version: 11.0

Page: 8/10
(30076820/SDS_GEN_US/EN)

Poorly biodegradable.

Bioaccumulative potential

Assessment bioaccumulation potential

Does not significantly accumulate in organisms.

Mobility in soil

Assessment transport between environmental compartments

Adsorption to solid soil phase is not expected.

Additional information

Adsorbable organically-bound halogen(AOX):

This product contains no organically-bound halogen.

Other ecotoxicological advice:

The product has not been tested. Do not discharge product into the environment without control.

13. Disposal considerations

Waste disposal of substance:

Incinerate or dispose of in a licensed facility. Do not discharge substance/product into sewer system.

Container disposal:

Do not reuse empty containers. Under no circumstances should empty drums be burned or cut open with gas or electric torch as toxic decomposition products may be liberated. Steel drums must be emptied and can be sent to a licensed drum reconditioner for reuse, a scrap metal dealer or an approved landfill. Do not attempt to refill or clean containers since residue is difficult to remove.

14. Transport Information

Land transport

USDOT

Not classified as a dangerous good under transport regulations

Sea transport

IMDG

Not classified as a dangerous good under transport regulations

Air transport

IATA/ICAO

Not classified as a dangerous good under transport regulations

15. Regulatory Information

Federal Regulations

Registration status:

Chemical TSCA, US released / listed

Safety Data Sheet

PLURACOL® 1062 POLYOL

Revision date: 2023/12/08
Version: 11.0

Page: 9/10
(30076820/SDS_GEN_US/EN)

EPCRA 311/312 (Hazard categories): Refer to SDS section 2 for GHS hazard classes applicable for this product.

<u>CERCLA RQ</u>	<u>CAS Number</u>	<u>Chemical name</u>
5000 LBS	67-56-1	Methanol

Safe Drinking Water & Toxic Enforcement Act, CA Prop. 65:

WARNING: This product can expose you to chemicals including METHANOL, which is known to the State of California to cause birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

NFPA Hazard codes:

Health: 1 Fire: 1 Reactivity: 0 Special:

HMIS III rating

Health: 1 Flammability: 1 Physical hazard: 0

16. Other Information

SDS Prepared by:

BASF NA Product Regulations
SDS Prepared on: 2023/12/08

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Safety Data Sheet

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Revision date: 2023/12/08
Version: 11.0

Page: 10/10
(30076820/SDS_GEN_US/EN)

PERMANENT IMPLANTATION IN THE HUMAN BODY OR IN PERMANENT CONTACT WITH
INTERNAL BODILY TISSUES OR FLUIDS.

END OF DATA SHEET