

Safety Data Sheet

WALLTITE® XL01 RESIN

Revision date : 2025/12/21

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(30752154/SDS_GEN_CA/EN)

1. Identification

Product identifier used on the label

WALLTITE® XL01 RESIN

Recommended use of the chemical and restriction on use

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 Canada Inc.
5025 Creekbank Road
Building A, Floor 2
Mississauga, ON, L4W 0B6, CANADA

Telephone: +1 289 360-1300

Emergency telephone number

24 Hour Emergency Response Information

CHEMTRIC: 1-800-424-9300

BASF HOTLINE: (800) 454-COPE (2673)

Other means of identification

Chemical family: Preparation based on: polyol, catalyst, additives

Synonyms: Urethane System Resin Component

2. Hazards Identification

According to Hazardous Products Regulations (HPR) (SOR/2022-272)

Classification of the product

Eye Irrit.	2A	Eye irritation
Skin Sens.	1	Skin sensitization
Carc.	2	Carcinogenicity
STOT RE	2 (oral)	Specific target organ toxicity — repeated

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Repr.	2 (unborn child)	exposure
Aquatic Acute	3	Reproductive toxicity Hazardous to the aquatic environment - acute

Label elements

Pictogram:



Signal Word:

Warning

Hazard Statement:

H319	Causes serious eye irritation.
H317	May cause an allergic skin reaction.
H351	Suspected of causing cancer.
H361	Suspected of damaging the unborn child.
H373	May cause damage to organs (Kidney) through prolonged or repeated exposure (oral).
H402	Harmful to aquatic life.

Precautionary Statements (Prevention):

P280	Wear protective gloves, protective clothing and eye protection or face protection.
P201	Obtain special instructions before use.
P260	Do not breathe mist or vapour or spray.
P280	Wear eye protection.
P202	Do not handle until all safety precautions have been read and understood.
P273	Avoid release to the environment.
P272	Contaminated work clothing should not be allowed out of the workplace.
P264	Wash contaminated body parts thoroughly after handling.

Precautionary Statements (Response):

P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313	IF exposed or concerned: Get medical attention.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P333 + P313	If skin irritation or rash occurs: Get medical attention.
P337 + P313	If eye irritation persists: Get medical attention.
P362 + P364	Take off contaminated clothing and wash it before reuse.

Precautionary Statements (Storage):

P405	Store locked up.
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Precautionary Statements (Disposal):

P501	Dispose of contents and container in accordance with local regulations.
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Hazards not otherwise classified

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

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3. Composition / Information on Ingredients

According to Hazardous Products Regulations (HPR) (SOR/2022-272)

Tetrahydroxypropylethylendiamine

| CAS Number: 102-60-3

Content (W/W): >= 10.0 - <= 30.0%

Synonym: 1,1',1",1""-(1,2-Ethanediylidinitrilo)tetrakis-2-propanol; Quadrol

tris(2-chloro-1-methylethyl)phosphate

CAS Number: 13674-84-5

Content (W/W): > 10.0 - <= 30.0%

Synonym: 1-Chloro-2-propanol phosphate (3:1); Tris (2-chloro-1-methylethyl)phosphate

| Halogenated hydrocarbon

CAS Number: Trade Secret

Content (W/W): >= 10.0 - <= 30.0%

Synonym: No data available.

| Ethylenediamine, ethoxylated and propoxylated

| CAS Number: 26316-40-5

Content (W/W): >= 10.0 - <= 30.0%

| Synonym: (POLYMER) 1,2-Ethanediamine, polymer with 2-methyloxirane and oxirane

Ethene, 1,2-dichloro-, (E)-

CAS Number: 156-60-5

Content (W/W): >= 1.0 - <= 5.0%

Synonym: (E)-1,2-Dichloroethene

1,2-dimethylimidazole

CAS Number: 1739-84-0

Content (W/W): >= 0.1 - <= 1.5%

Synonym: No data available.

glycerol

| CAS Number: 56-81-5

Content (W/W): >= 1.0 - <= 5.0%

| Synonym: 1,2,3-Propanetriol; Glycerol

Acetic acid

CAS Number: 64-19-7

Content (W/W): >= 0.1 - < 1.0%

Synonym: Acetic acid; Glacial acetic acid

diethylene glycol

CAS Number: 111-46-6

Content (W/W): >= 0.1 - < 1.0%

| Synonym: 2,2'-Oxybisethanol

Methanaminium, N-[4-[bis[4-(dimethylamino)phenyl]methylene]-2,5- cyclohexadien-1-ylidene]-N-methyl-, acetate

CAS Number: 67939-65-5

Content (W/W): >= 0.1 - < 1.0%

Synonym: Methanaminium, N-[4-[bis[4-(dimethylamino)phenyl]methylene]-2,5-

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cyclohexadien-1-ylidene]-N-methyl-, acetate

Hexanoic acid, 2-ethyl-, bismuth(3+) salt

CAS Number: 67874-71-9

Content (W/W): >= 0.1 - <= 1.0%

Synonym: No data available.

Guanidine, N,N,N',N'-tetramethyl-

CAS Number: 80-70-6

Content (W/W): >= 0.1 - <= 1.0%

Synonym: No data available.

The actual concentration is withheld as a trade secret.

The masked component(s) has only environmental hazards; HMIRA claims are not required for masked components with only environmental hazards.

4. First-Aid Measures

Description of first aid measures

General advice:

Remove contaminated clothing.

If inhaled:

Keep patient calm, remove to fresh air, seek medical attention.

If on skin:

Wash affected areas thoroughly with soap and water. If skin irritation or rash occurs: Get 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., Eye irritation, Skin contact may provoke the following symptoms:, allergic symptoms

| *Information on: Ethanol, 2-((2-aminoethyl)amino)-, polymer with methyloxirane*
| *Symptoms: No data available.*

Information on: Tetrahydroxypropylethylendiamine

Symptoms: Overexposure may cause:, Eye irritation, skin irritation, erythema, nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps

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Information on: Halogenated Aromatic Carboxylic acid

Symptoms: No data available.

Information on: diethylene glycol

Symptoms: Overexposure may cause: vomiting, coma, abdominal cramps, lethargy, nausea, diarrhea, headache

Information on: 1,2-dimethylimidazole

Symptoms: Overexposure may cause: corneal injury, skin corrosion, severe pain, coughing, respiratory disorders, dyspnea, nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps

Information on: Methanaminium, N-[4-[bis[4-(dimethylamino)phenyl]methylene]-2,5- cyclohexadien-1-ylidene]-N-methyl-, acetate

Symptoms: Overexposure may cause: corneal injury, skin corrosion, severe pain, coughing, respiratory disorders, dyspnea, nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps

Information on: glycerol

Symptoms: Overexposure may cause: vomiting, nausea, diarrhea, headache, dizziness

Indication of any immediate medical attention and special treatment needed

Note to physician

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-Fighting Measures

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

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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. Wear suitable protective clothing and gloves. Use suitable chemically resistant gloves. Use suitable eye protection. Wear suitable respiratory protection. Do not breathe mist or vapour or spray. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated body parts thoroughly after handling. When using do not eat, drink or smoke. Protect against moisture. Handle in accordance with good industrial hygiene and safety practice.

Protection against fire and explosion:

No special precautions necessary.

Conditions for safe storage, including any incompatibilities

Segregate from foods and animal feeds.

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

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: 15 - 25 °C

Storage duration: 4 Months

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

Components with occupational exposure limits

glycerol	OSHA Z1:	PEL 15 mg/m ³ Total dust ;
	OSHA Z1:	PEL 5 mg/m ³ Respirable fraction ;

Acetic acid	ACGIH, US:	STEL value 15 ppm ;
	ACGIH, US:	TWA value 10 ppm ;
	OSHA Z1:	PEL 10 ppm 25 mg/m ³ ;

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Ethene, 1,2-dichloro-, (E)- OSHA Z1: PEL 200 ppm 790 mg/m³ ;
ACGIH, US: TWA value 200 ppm ;

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

Physical state:	liquid
Form:	liquid
Odour:	amine-like
Odour threshold:	No applicable information available.
Colour:	dark Purple
pH value:	>= 7
Freezing point:	No data available.
Melting point:	No data available.
Boiling point:	> 140 °C
Sublimation point:	No applicable information available.
Flash point:	> 94 °C
Flammability:	not flammable
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:	< 0.1 hPa (25 °C)

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Density:	approx. 1.2 g/cm ³ (20 °C)
Relative density:	No data available.
Relative vapour density:	No data available.
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:	330 mPa.s (23 °C)
Viscosity, kinematic:	275 mm ² /s (25 °C) calculated
Solubility in water:	insoluble
Solubility (quantitative):	No data available.
Solubility (qualitative):	No data available.
Molecular weight:	No data available.
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.

Particle characteristics

No applicable information available.

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 chemically stable.

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

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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

Type of value: ATE

Value: 3,425 mg/kg

The statements are based on the properties of the individual components.

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: Eye contact causes irritation.

Information on: Tetrahydroxypropylethylendiamine

Assessment of irritating effects: *Not irritating to the skin. Eye contact causes irritation.*

Information on: 1,2-dimethylimidazole

Assessment of irritating effects: *Skin contact causes irritation. May cause severe damage to the eyes.*

Information on: Acetic acid

Assessment of irritating effects: *Highly corrosive! Damages skin and eyes.*

Information on: Methanaminium, N-[4-[bis[4-(dimethylamino)phenyl]methylene]-2,5- cyclohexadien-1-ylidene]-N-methyl-, acetate

Assessment of irritating effects: *May cause severe damage to the eyes. Not irritating to the skin. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.*

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Sensitization

Assessment of sensitization: Sensitization after skin contact possible.

Information on: 1,2-dimethylimidazole

Assessment of sensitization:

May cause sensitization by skin contact.

Information on: Ethanol, 2-((2-aminoethyl)amino)-, polymer with methyloxirane

Assessment of sensitization:

Sensitization after skin contact possible.

Aspiration Hazard

No aspiration hazard expected.

Chronic Toxicity/Effects

Repeated dose toxicity

Assessment of repeated dose toxicity: Repeated exposure may affect certain organs.

Information on: diethylene glycol

Assessment of repeated dose toxicity: The substance may cause damage to the kidney after repeated ingestion of high doses, as shown in animal studies. The substance may cause damage to the liver after repeated ingestion of high doses, as shown in animal studies. The effects were only observed at doses/concentrations not relevant for classification and/or practical use conditions. These effects are not relevant to humans at occupational levels of exposure.

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: Indication of possible carcinogenic effect in animal tests.

Information on: Methanaminium, N-[4-[bis[4-(dimethylamino)phenyl]methylene]-2,5- cyclohexadien-1-ylidene]-N-methyl-, acetate

Assessment of carcinogenicity: Indication of possible carcinogenic effect in animal tests. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Information on: tris(2-chloro-1-methylethyl)phosphate

Assessment of carcinogenicity: Indication of possible carcinogenic effect in animal tests. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Reproductive toxicity

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

Teratogenicity

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Assessment of teratogenicity: Indications of possible developmental toxicity/teratogenicity were seen in animal studies.

Information on: ethylene glycol

Assessment of teratogenicity: *Developmental toxicity was observed after oral ingestion of high doses in studies with rats and mice, but this effect was not seen in a study with rabbits. Mechanistic studies show that the rabbit is the relevant species for the classification for human health. As such, and since ethylene glycol is not a developmental toxicant in the rabbit, no classification is warranted.*

Information on: Hexanoic acid, 2-ethyl-, bismuth(3+) salt

Assessment of teratogenicity: *Indications of possible developmental toxicity/teratogenicity were seen in animal studies. The product has not been tested. The statement has been derived from the properties of the individual components.*

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:

Acutely harmful for aquatic organisms. The product has not been tested. The statement has been derived from the properties of the individual components.

Toxicity to fish

Information on: tris(2-chloro-1-methylethyl)phosphate

LC50 (96 h) 51 mg/l, Pimephales promelas (OECD Guideline 203, static)

The statement of the toxic effect relates to the analytically determined concentration.

LC50 (96 h) 56.2 mg/l, Danio rerio (Fish test acute, static)

The statement of the toxic effect relates to the analytically determined concentration.

Aquatic invertebrates

Information on: tris(2-chloro-1-methylethyl)phosphate

EC50 (48 h) 131 mg/l, Daphnia magna (OECD Guideline 202, part 1, static)

The statement of the toxic effect relates to the analytically determined concentration.

Aquatic plants

Information on: tris(2-chloro-1-methylethyl)phosphate

EC50 (72 h) 82 mg/l (growth rate), Pseudokirchneriella subcapitata (OECD Guideline 201, static)

Nominal concentration.

EC10 (72 h) 42 mg/l (growth rate), Pseudokirchneriella subcapitata (OECD Guideline 201, static)

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Nominal concentration.

Chronic toxicity to fish

Information on: tris(2-chloro-1-methylethyl)phosphate

No data available.

Chronic toxicity to aquatic invertebrates

Information on: tris(2-chloro-1-methylethyl)phosphate

No observed effect concentration (21 d) 32 mg/l, *Daphnia magna* (OECD Guideline 202, part 2, semistatic)

Nominal concentration.

Microorganisms/Effect on activated sludge

Toxicity to microorganisms

Information on: tris(2-chloro-1-methylethyl)phosphate

DIN EN ISO 8192 aquatic

activated sludge/EC50 (3 h): 784 mg/l

Nominal concentration.

Persistence and degradability

Assessment biodegradation and elimination (H₂O)

Poorly biodegradable.

Elimination information

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:

Do not allow to enter soil, waterways or waste water channels. Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

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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

TDG

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 DSL, CA released / listed

NFPA Hazard codes:

Health: 2 Fire: 1 Reactivity: 1 Special:

16. Other Information

SDS Prepared by:

BASF NA Product Regulations

SDS Prepared on: 2025/12/21

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our

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operations on society and the environment during production, storage, transport, use and disposal of our products.

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