



We create chemistry

# Safety Data Sheet

## LP100 Etch Primer

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### 1. Identification

#### Product identifier used on the label

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#### Recommended use of the chemical and restriction on use

Recommended use\*: Coatings and related products

Recommended use\*: Paints, Coatings and Related Materials; for industrial use only

Unsuitable for use: Not intended for sale to or use by the general public.

\* 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

CHEMTREC: 1-800-424-9300

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

#### Other means of identification

Chemical family: Coating

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### 2. Hazards Identification

#### According to Hazardous Products Regulations (HPR) (SOR/2015-17)

#### Classification of the product

Skin Corr./Irrit.

2

Skin corrosion/irritation

Eye Dam./Irrit.

1

Serious eye damage/eye irritation

STOT SE

3 (Vapours may cause drowsiness and

Specific target organ toxicity — single exposure

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	dizziness.)	
Aquatic Acute	2	Hazardous to the aquatic environment - acute
Aquatic Chronic	2	Hazardous to the aquatic environment - chronic
Flam. Liq.	2	Flammable liquids
Carc.	2	Carcinogenicity
STOT RE	2	Specific target organ toxicity — repeated exposure
STOT SE	3 (irritating to respiratory system)	Specific target organ toxicity — single exposure

### Label elements

Pictogram:



Signal Word:

Danger

Hazard Statement:

H225	Highly flammable liquid and vapour.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H351	Suspected of causing cancer.
H411	Toxic to aquatic life with long lasting effects.
H373	May cause damage to organs (Central nervous system, Liver, Kidney) through prolonged or repeated exposure.

Precautionary Statements (Prevention):

P280	Wear protective gloves, protective clothing and eye protection or face protection.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P201	Obtain special instructions before use.
P271	Use only outdoors or in a well-ventilated area.
P264	Wash contaminated body parts thoroughly after handling.
P242	Use only non-sparking tools.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P243	Take action to prevent static discharges.
P233	Keep container tightly closed.
P240	Ground and bond container and receiving equipment.
P202	Do not handle until all safety precautions have been read and understood.
P260	Do not breathe dust or mist.
P273	Avoid release to the environment.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.

Precautionary Statements (Response):

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P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P391 Collect spillage.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P370 + P378 In case of fire: Use water spray for extinction.  
P362 + P364 Take off contaminated clothing and wash it before reuse.  
P310 Immediately call a POISON CENTER or physician.  
P332 + P313 If skin irritation occurs: Get medical attention.  
P303 + P361 + P353 IF ON SKIN (or hair): Remove or Take off immediately all contaminated clothing. Rinse skin with water or shower.  
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P308 + P313 IF exposed or concerned: Get medical attention.  
P314 Get medical advice/attention if you feel unwell.

### Precautionary Statements (Storage):

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.  
P403 + P235 Store in a well-ventilated place. Keep cool.  
P405 Store locked up.

### Precautionary Statements (Disposal):

P501 Dispose of contents and container to hazardous or special waste collection point.

### Hazards not otherwise classified

No applicable information available.

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## 3. Composition / Information on Ingredients

### According to Hazardous Products Regulations (HPR) (SOR/2015-17)

#### Acetone

CAS Number: 67-64-1  
Content (W/W):  $\geq 15.0$  -  $< 20.0\%$   
Synonym: Acetone

#### n-butanol

CAS Number: 71-36-3  
Content (W/W):  $\geq 7.0$  -  $< 10.0\%$   
Synonym: 1-Butanol; n-Butanol

#### Isobutanol

CAS Number: 78-83-1  
Content (W/W):  $\geq 3.0$  -  $< 5.0\%$   
Synonym: Isobutyl alcohol

#### naphthalene

CAS Number: 91-20-3  
Content (W/W):  $\geq 0.1$  -  $< 0.2\%$   
Synonym: Naphthalin

#### ethylbenzene

CAS Number: 100-41-4  
Content (W/W):  $\geq 0.3$  -  $< 1.0\%$   
Synonym: Ethylbenzene

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1-methoxypropan-2-ol

CAS Number: 107-98-2

Content (W/W):  $\geq 7.0 - < 10.0\%$

Synonym: 1-Methoxy-2-propanol; Propylene glycol monomethyl ether

phenol

CAS Number: 108-95-2

Content (W/W):  $\geq 0.1 - < 0.2\%$

Synonym: Phenol; Hydroxybenzene

tert-butyl acetate

CAS Number: 540-88-5

Content (W/W):  $\geq 15.0 - < 20.0\%$

Synonym: Acetic acid, butyl ester, 1,1-dimethylethyl ester

Magnesium carbonate

CAS Number: 546-93-0

Content (W/W):  $\geq 1.0 - < 3.0\%$

Synonym: Magnesium carbonate

Zinc oxide

CAS Number: 1314-13-2

Content (W/W):  $\geq 1.0 - < 3.0\%$

Synonym: Zinc oxide

Rutile (TiO<sub>2</sub>)

CAS Number: 1317-80-2

Content (W/W):  $\geq 1.0 - < 3.0\%$

Synonym: Rutile(TiO<sub>2</sub>)

Xylene

CAS Number: 1330-20-7

Content (W/W):  $\geq 1.0 - < 3.0\%$

Synonym: Xylene; Dimethylbenzene

zinc phosphate

CAS Number: 7779-90-0

Content (W/W):  $\geq 5.0 - < 7.0\%$

Synonym: Trizinc bis(orthophosphate)

Titanium dioxide

CAS Number: 13463-67-7

Content (W/W):  $\geq 5.0 - < 7.0\%$

Synonym: C.I. Pigment White 6

talc

CAS Number: 14807-96-6

Content (W/W):  $\geq 1.0 - < 3.0\%$

Synonym: hydrated magnesium silicate

solvent naphtha

CAS Number: 64742-94-5

Content (W/W):  $\geq 1.0 - < 3.0\%$

Synonym: Solvent naphtha, petroleum, heavy arom.

Acetic acid ethenyl ester, polymer with ethenol, cyclic acetal with butanal

CAS Number: 68648-78-2

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Content (W/W):  $\geq 10.0$  -  $< 15.0\%$

Synonym: Acetic acid ethenyl ester, polymer with ethenol, cyclic acetal withbutanal

### 4. First-Aid Measures

#### Description of first aid measures

##### General advice:

Remove contaminated clothing.

##### If inhaled:

Keep patient calm, remove to fresh air. If breathing difficulties develop, aid in breathing and seek immediate medical attention.

##### If on skin:

Seek medical attention. Immediately wash affected area with soap and water for 20-30 minutes or until chemical is removed.

##### If in eyes:

Flush with copious amounts of water for at least 15 minutes. Hold eyelids open to facilitate rinsing. If irritation develops, seek medical attention. Seek medical attention.

##### If swallowed:

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

#### 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.

*Information on: n-butanol*

*Symptoms: Overexposure may cause:, headache, dizziness, coordination disorder, coma, lacrimation, loss of hearing*

*Information on: Isobutanol*

*Symptoms: Overexposure may cause:, coma, coordination disorder, headache, dizziness*

*Information on: naphthalene*

*Symptoms: Overexposure may cause:, perspiration, methaemoglobinaemia, loss of appetite, hemoglobinuria, hemolytic anemia, corneal injury, nausea, headache*

*Information on: 1-methoxypropan-2-ol*

*Symptoms: Overexposure may cause:, lacrimation*

*Information on: phenol*

*Symptoms: Overexposure may cause:, unconsciousness, vomiting, cyanosis, death, coma, methaemoglobinaemia, weakness, respiratory disorders, nausea, headache*

*Information on: tert-butyl acetate*

*Symptoms: No data available.*

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*Information on: Magnesium carbonate*

*Symptoms: No data available.*

*Information on: Zinc oxide*

*Symptoms: Overexposure may cause:, metal fume fever, metallic taste in mouth, tightness in the chest, fever, coughing, headache*

*Information on: Rutile (TiO2)*

*Symptoms: No data available.*

*Information on: Xylene*

*Symptoms: Overexposure may cause:, coma, weakness, lethargy, confusion, dyspnea, nausea, headache, dizziness*

*Information on: zinc phosphate*

*Symptoms: No data available.*

*Information on: talc*

*Symptoms: Overexposure may cause:, vomiting, convulsions, cyanosis, irregular breathing, dyspnea*

*Information on: solvent naphtha*

*Symptoms: Overexposure may cause:, unconsciousness, vomiting, lethargy, confusion, nausea, headache, dizziness*

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### 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.

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## 5. Fire-Fighting Measures

### Extinguishing media

Suitable extinguishing media:

carbon dioxide, foam, dry powder, water spray

Unsuitable extinguishing media for safety reasons:

water jet

### Special hazards arising from the substance or mixture

Hazards during fire-fighting:

Vapors and/or decomposition products are irritant and/or toxic. If product is heated above decomposition temperature acrid smoke and fumes will be released.

### Advice for fire-fighters

Protective equipment for fire-fighting:

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

### Further information:

Notify proper authorities. Do not flood burning material with water due to potential spreading of fire. Flash fire may occur. Run-off water from fire may cause pollution. Contain contaminated water/firefighting water. Remove product from areas of fire, or otherwise cool sealed containers with water in order to avoid pressure build up due to heat. Vapours are heavier than air and may accumulate in low areas and travel a considerable distance up to the source of ignition.

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### 6. Accidental release measures

#### **Personal precautions, protective equipment and emergency procedures**

Avoid contact with skin and eyes. Use antistatic tools. Extinguish sources of ignition nearby and downwind. Avoid prolonged inhalation. Wear suitable personal protective clothing and equipment. Ensure adequate ventilation.

#### **Environmental precautions**

Do not discharge into drains/surface waters/groundwater.

#### **Methods and material for containment and cleaning up**

Dike spillage. Spills should be contained, solidified, and placed in suitable containers for disposal. Place into appropriately labeled waste containers.

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### 7. Handling and Storage

#### **Precautions for safe handling**

Handle and open container with care. WARNING: Empty containers may still contain hazardous residue. Use static lines when mixing and transferring material. Do not puncture, drop, or slide containers. Ensure adequate ventilation. Avoid contact with the skin, eyes and clothing.

#### **Protection against fire and explosion:**

Risk of explosion if heated under confinement. Use antistatic tools. Exhaust fans should be explosion proof. Avoid all sources of ignition: heat, sparks, open flame. Provide adequate ventilation to remove solvent vapors from lower levels or work areas and to prevent solvent contact with ignition sources. Sealed containers should be protected against heat as this results in pressure build-up.

#### **Conditions for safe storage, including any incompatibilities**

Segregate from strong bases. Segregate from oxidizing agents. Segregate from incompatible substances. Segregate from strong acids.

Suitable materials for containers: Carbon steel (Iron), tinned carbon steel (Tinplate)

Further information on storage conditions: Keep container tightly closed. Protect from direct sunlight.

#### **Storage stability:**

Consult local fire marshal for storage requirements.  
Protect from temperatures above: 49 °C

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### 8. Exposure Controls/Personal Protection

#### **Components with occupational exposure limits**

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Acetone	ACGIH, US: ACGIH, US: OSHA Z1:	TWA value 250 ppm ; STEL value 500 ppm ; PEL 1,000 ppm 2,400 mg/m3 ;
n-butanol	ACGIH, US: OSHA Z1:	TWA value 20 ppm ; PEL 100 ppm 300 mg/m3 ;
Isobutanol	ACGIH, US: OSHA Z1:	TWA value 50 ppm ; PEL 100 ppm 300 mg/m3 ;
naphthalene	ACGIH, US: ACGIH, US:  OSHA Z1: ACGIH, US:	TWA value 10 ppm ; Skin Designation ; Danger of cutaneous absorption PEL 10 ppm 50 mg/m3 ; Skin Designation ; Danger of cutaneous absorption
ethylbenzene	ACGIH, US: OSHA Z1:	TWA value 20 ppm ; PEL 100 ppm 435 mg/m3 ;
1-methoxypropan-2-ol	ACGIH, US: ACGIH, US:	TWA value 50 ppm ; STEL value 100 ppm ;
phenol	ACGIH, US: OSHA Z1:  OSHA Z1: ACGIH, US:  ACGIH, US:	TWA value 5 ppm ; Skin Designation ; The substance can be absorbed through the skin. PEL 5 ppm 19 mg/m3 ; Skin Designation ; Danger of cutaneous absorption Skin Designation ; Danger of cutaneous absorption
tert-butyl acetate	ACGIH, US: ACGIH, US: OSHA Z1:	STEL value 150 ppm ; TWA value 50 ppm ; PEL 200 ppm 950 mg/m3 ;
Magnesium carbonate	OSHA Z1: OSHA Z1: ACGIH, US: ACGIH, US: OSHA Z3:  OSHA Z3: OSHA Z3:  OSHA Z3:	PEL 5 mg/m3 Respirable fraction ; PEL 15 mg/m3 Total dust ; TWA value 3 mg/m3 Respirable particles ; TWA value 10 mg/m3 Inhalable particles ; TWA value 15 millions of particles per cubic foot of air Respirable fraction ; TWA value 5 mg/m3 Respirable fraction ; TWA value 50 millions of particles per cubic foot of air Total dust ; TWA value 15 mg/m3 Total dust ;

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Zinc oxide	ACGIH, US:	TWA value 2 mg/m3 Respirable fraction ;
	ACGIH, US:	STEL value 10 mg/m3 Respirable fraction ;
	OSHA Z1:	PEL 15 mg/m3 Total dust ;
	OSHA Z1:	PEL 5 mg/m3 Respirable fraction ;
	OSHA Z1:	PEL 5 mg/m3 fumes/smoke ;
	OSHA Z3:	TWA value 5 mg/m3 Respirable fraction ;
	OSHA Z3:	TWA value 15 millions of particles per cubic foot of air Respirable fraction ;
	OSHA Z3:	TWA value 50 millions of particles per cubic foot of air Total dust ;
Rutile (TiO2)	OSHA Z3:	TWA value 15 mg/m3 Total dust ;
	OSHA Z1:	PEL 15 mg/m3 Total dust ;
	ACGIH, US:	TWA value 3 mg/m3 Respirable particles ;
	ACGIH, US:	TWA value 10 mg/m3 Inhalable particles ;
	OSHA Z1:	PEL 15 mg/m3 Total dust ;
	OSHA Z1:	PEL 5 mg/m3 Respirable fraction ;
	OSHA Z3:	TWA value 15 millions of particles per cubic foot of air Respirable fraction ;
	OSHA Z3:	TWA value 5 mg/m3 Respirable fraction ;
Xylene	OSHA Z3:	TWA value 50 millions of particles per cubic foot of air Total dust ;
	OSHA Z3:	TWA value 15 mg/m3 Total dust ;
	OSHA Z1:	PEL 100 ppm 435 mg/m3 ;
Titanium dioxide	ACGIH, US:	TWA value 10 mg/m3 ;
	OSHA Z1:	PEL 15 mg/m3 Total dust ;
talc	ACGIH, US:	TWA value 2 mg/m3 Respirable fraction ; The value is for particulate matter containing no asbestos and <1% crystalline silica.
	OSHA Z3:	TWA value 20 millions of particles per cubic foot of air ;
	OSHA Z3:	TWA value 2.4 millions of particles per cubic foot of air Respirable ; The exposure limit is calculated from the equation, $250/(\%SiO_2+5)$ , using a value of 100% SiO2. Lower percentages of SiO2 will yield higher exposure limits.
	OSHA Z3:	TWA value 0.1 mg/m3 Respirable ; The exposure limit is calculated from the equation, $10mg/m3/(\%SiO_2+2)$ , using a value of 100% SiO2. Lower percentages of SiO2 will yield higher exposure limits.

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solvent naphtha	ACGIH, US:	TWA value 200 mg/m3 Non-aerosol (total hydrocarbon vapor); Application restricted to conditions in which there are negligible aerosol exposures.
	ACGIH, US:	Skin Designation Non-aerosol (total hydrocarbon vapor); Danger of cutaneous absorption
	ACGIH, US:	Skin Designation Non-aerosol (total hydrocarbon vapor); Danger of cutaneous absorption
	ACGIH, US:	TWA value 200 mg/m3 Non-aerosol (total hydrocarbon vapor); Application restricted to conditions in which there are negligible aerosol exposures.

### Advice on system design:

Provide local exhaust ventilation to maintain recommended P.E.L.

### Personal protective equipment

#### Respiratory protection:

Do not exceed the maximum use concentration for the respirator facepiece/cartridge combination. Respiratory protection may not be required under normal operating conditions if adequate ventilation is provided. Wear a NIOSH-certified (or equivalent) organic vapour respirator. Particulate filters should be added during spray operations. Wear respiratory protection if ventilation is inadequate.

#### Hand protection:

Use appropriate chemically impervious gloves as determined by an evaluation of glove performance characteristics and the hazards and potential hazards identified, including but not limited to butyl, natural and synthetic rubber, nitrile, or neoprene.

#### Eye protection:

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

#### Body protection:

Body protection must be chosen based on level of activity and exposure.

#### General safety and hygiene measures:

Work place should be equipped with a shower and an eye wash. Remove contaminated clothing. Remove contaminated clothing immediately and clean before re-use or dispose it if necessary. Contact lenses should not be worn. Hands and/or face should be washed before breaks and at the end of the shift.

## 9. Physical and Chemical Properties

Form:	liquid
Odour:	No data available.
Odour threshold:	No applicable information available.
Colour:	beige to grey
pH value:	No applicable information available.
Melting point:	No applicable information available.
Freezing point:	No applicable information available.
Boiling range:	56.00 - 3,000.00 °C
Sublimation point:	No applicable information available.
Flash point:	-6 °C

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Flammability:	No applicable information available.	
Lower explosion limit:	0.80 %(V)	
Upper explosion limit:	13.74 %(V)	
Autoignition:	No applicable information available.	
Vapour pressure:	No applicable information available.	
Density:	1.0508 g/cm3 ( 20 °C)	(calculated)
Relative density:	1.0508 ( 20 °C)	
Vapour density:	No applicable information available.	
Partitioning coefficient n-octanol/water (log Pow):	No applicable information available.	
Thermal decomposition:	No applicable information available.	
Viscosity, dynamic:	No applicable information available.	
Viscosity, kinematic:	6.000 mm2/s	
Solubility in water:	No applicable information available.	
Miscibility with water:	immiscible	
Solubility (quantitative):	No applicable information available.	
Solubility (qualitative):	No applicable information available.	
Molar mass:	No applicable information available.	
Evaporation rate:	No applicable information available.	

## 10. Stability and Reactivity

### Reactivity

No applicable information available.

### Chemical stability

The product is chemically stable.

### Possibility of hazardous reactions

No applicable information available.

### Conditions to avoid

Avoid all sources of ignition: heat, sparks, open flame. Avoid electro-static discharge.

### Incompatible materials

strong oxidizing agents, strong bases, strong acids

### Hazardous decomposition products

Decomposition products:  
carbon dioxide, carbon monoxide

Thermal decomposition:  
No applicable information available.

## 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.

Primary routes of entry

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Solvents are absorbed through the skin.

### Acute Toxicity/Effects

#### Acute toxicity

Assessment of acute toxicity: Based on available data, the classification criteria are not met.

#### *Information on: Acetone*

*Assessment of acute toxicity: Virtually nontoxic after a single ingestion. Virtually nontoxic by inhalation. Virtually nontoxic after a single skin contact. High concentrations in the air may cause narcosis.*

#### *Information on: n-butanol*

*Assessment of acute toxicity: Of low toxicity after short-term skin contact. Virtually nontoxic by inhalation. Of low toxicity after single ingestion. The European Union (EU) has classified this substance as 'harmful' after oral exposure.*

*If used as intended, this product is not expected to present a physical or health hazard.*

#### *Information on: Isobutanol*

*Assessment of acute toxicity: Of low toxicity after single ingestion. Of low toxicity after short-term skin contact. Virtually nontoxic by inhalation.*

*If used as intended, this product is not expected to present a physical or health hazard.*

#### *Information on: naphthalene*

*Assessment of acute toxicity: Of moderate toxicity after single ingestion. Virtually nontoxic after a single skin contact. No deaths at the highest dose tested after short-term inhalation.*

#### *Information on: ethylbenzene*

*Assessment of acute toxicity: Of moderate toxicity after short-term inhalation. Virtually nontoxic after a single skin contact. Of low toxicity after single ingestion.*

#### *Information on: 1-methoxypropan-2-ol*

*Assessment of acute toxicity: Of low toxicity after single ingestion. Virtually nontoxic by inhalation. Virtually nontoxic after a single skin contact.*

#### *Information on: phenol*

*Assessment of acute toxicity: Of high toxicity after short-term inhalation. Of high toxicity after single ingestion. The substance can be absorbed through the skin. Of pronounced toxicity after short-term skin contact.*

#### *Information on: tert-butyl acetate*

*Assessment of acute toxicity: Of low toxicity after single ingestion. Of low toxicity after short-term inhalation. Virtually nontoxic after a single skin contact.*

#### *Information on: Xylene*

*Assessment of acute toxicity: Of low toxicity after single ingestion. Of low toxicity after short-term inhalation. Virtually nontoxic after a single skin contact. The European Union (EU) has classified this substance as 'harmful' after inhalation. The European Union (EU) has classified this substance as 'harmful' after dermal exposure. High concentrations in the air may cause narcosis.*

#### *Information on: solvent naphtha*

*Assessment of acute toxicity: Inhalation of high vapor/aerosol concentrations are irritating to eyes and respiratory tract, may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness and other central nervous system effects, including death. Aspiration may result in chemical pneumonitis, which may be fatal.*

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Oral

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No applicable information available.

Type of value: LD50

Species: mouse

Value: > 2,000.000000 mg/kg

### Inhalation

No applicable information available.

Type of value: LC50

Species: rat

Value: 2.300000 mg/l

### Dermal

No applicable information available.

Type of value: LD50

Species: rabbit

Value: > 2,000.000000 mg/kg

### Assessment other acute effects

Assessment of STOT single:

Causes temporary irritation of the respiratory tract. Possible narcotic effects (drowsiness or dizziness).

### Irritation / corrosion

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

#### *Information on: Acetone*

*Assessment of irritating effects: Irritating to eyes. Not irritating to the skin. Repeated exposure may cause skin dryness or cracking.*

#### *Information on: n-butanol*

*Assessment of irritating effects: Eye contact causes irritation. Skin contact causes irritation.*

#### *Information on: Isobutanol*

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

#### *Information on: naphthalene*

*Assessment of irritating effects: May cause slight irritation to the skin. May cause slight irritation to the eyes.*

#### *Information on: ethylbenzene*

*Assessment of irritating effects: May cause slight irritation to the skin. May cause slight irritation to the eyes.*

#### *Information on: phenol*

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

#### *Information on: Zinc oxide*

*Assessment of irritating effects: Not irritating to the skin. May cause slight irritation to the eyes.*

#### *Information on: Xylene*

*Assessment of irritating effects: Skin contact causes irritation. Eye contact causes irritation.*

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*Information on: solvent naphtha*

*Assessment of irritating effects: Skin contact causes irritation. Not irritating to the eyes. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.*

*Information on: Acetic acid ethenyl ester, polymer with ethenol, cyclic acetal with butanal*  
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### Sensitization

Assessment of sensitization: Based on available data, the classification criteria are not met.

### 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: Acetone*

*Assessment of repeated dose toxicity: The substance may cause damage to the testes after repeated ingestion of high doses, as shown in animal studies. The substance may cause damage to the hematological system after repeated ingestion of high doses. The substance may cause damage to the kidney after repeated ingestion of high doses, as shown in animal studies.*

*Information on: naphthalene*

*Assessment of repeated dose toxicity: Repeated oral uptake of the substance did not cause substance-related effects. The substance may cause damage to the olfactory epithelium after repeated inhalation. Repeated dermal uptake of the substance did not cause substance-related effects.*

*Information on: ethylbenzene*

*Assessment of repeated dose toxicity: The substance may cause damage to the liver after repeated ingestion of high doses, as shown in animal studies. The substance may cause deafness after repeated inhalation. The substance may cause deafness after repeated ingestion.*

*Information on: 1-methoxypropan-2-ol*

*Assessment of repeated dose toxicity: May affect the liver as indicated in animal studies. The substance may cause damage to the kidney after repeated inhalation. Effect found in rodents only. The relevance to humans is questionable.*

*Information on: phenol*

*Assessment of repeated dose toxicity: Repeated inhalation exposure may affect certain organs. Repeated dermal exposure may affect certain organs. Repeated oral exposure may affect certain organs.*

*Information on: Zinc oxide*

*Assessment of repeated dose toxicity: The substance may cause damage to the kidney after repeated ingestion. Prolonged and repeated exposure may cause blood disorders. The substance may cause damage to the lung after repeated inhalation.*

*Information on: Xylene*

*Assessment of repeated dose toxicity: Overexposure may cause liver and kidney toxicity. Repeated exposure may affect certain organs. Damages the central nerve system. The substance can cause changes in the following organs after repeated exposure to large quantities: Liver Kidney*

*Information on: Titanium dioxide*

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*Assessment of repeated dose toxicity: Repeated oral uptake of the substance did not cause substance-related effects. The substance may cause increase in lung mass and lung tissue changes after repeated inhalation.*

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### Genetic toxicity

Assessment of mutagenicity: Based on available data, the classification criteria are not met.

#### *Information on: naphthalene*

*Assessment of mutagenicity: The substance was not mutagenic in bacteria. The substance was mutagenic in a mammalian cell culture test system. The substance was not mutagenic in a test with mammals. Literature data.*

#### *Information on: phenol*

*Assessment of mutagenicity: Mutagenic properties can not be excluded on the basis of experimental data.*

#### *Information on: Zinc oxide*

*Assessment of mutagenicity: The substance was not mutagenic in bacteria. The substance was mutagenic in a mammalian cell culture test system. The substance was genotoxic in mammalian cell culture.*

-----

### Carcinogenicity

Assessment of carcinogenicity: Indication of possible carcinogenic effect in animal tests.

#### *Information on: naphthalene*

*Assessment of carcinogenicity: In long-term studies in rats and mice in which the substance was given by inhalation, a carcinogenic effect was observed. EU-classification The substance was classified as a group 3 carcinogen by the German MAK-Commission (substances for which a suspicion of a carcinogenic potential exists). IARC (International Agency for Research on Cancer) has classified this substance as group 2B (The agent is possibly carcinogenic to humans). IARC (International Agency for Research on Cancer) has classified this substance as group 2B (The agent is possibly carcinogenic to humans).*

#### *Information on: ethylbenzene*

*Assessment of carcinogenicity: Indication of possible carcinogenic effect in animal tests. The effect is caused by an animal specific mechanism that has no human counter part. A clear indication of an increased risk of cancer in humans has so far not been shown. IARC (International Agency for Research on Cancer) has classified this substance as group 2B (The agent is possibly carcinogenic to humans).*

#### *Information on: phenol*

*Assessment of carcinogenicity: Long-term exposure to highly irritating concentrations resulted in skin tumors in animals. A carcinogenic effect in humans can be excluded after brief skin contact. The substance was classified as a group 3 carcinogen by the German MAK-Commission (substances for which a suspicion of a carcinogenic potential exists). IARC Group 3 (not classifiable as to human carcinogenicity).*

#### *Information on: Rutile (TiO<sub>2</sub>)*

*Assessment of carcinogenicity: IARC (International Agency for Research on Cancer) has classified this substance as group 2B (The agent is possibly carcinogenic to humans). In long-term studies in rats in which the substance was given by inhalation, a carcinogenic effect was observed. Tumors were only observed in rats after chronic inhalative exposure to high concentrations which caused sustained lung inflammation. In long-term studies in rats and mice in which the substance was given*

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*by feed, a carcinogenic effect was not observed. Dermal exposure is not expected to be carcinogenic.*

*Information on: Titanium dioxide*

*Assessment of carcinogenicity: IARC (International Agency for Research on Cancer) has classified this substance as group 2B (The agent is possibly carcinogenic to humans). In long-term studies in rats in which the substance was given by inhalation, a carcinogenic effect was observed. Tumors were only observed in rats after chronic inhalative exposure to high concentrations which caused sustained lung inflammation. In long-term studies in rats and mice in which the substance was given by feed, a carcinogenic effect was not observed. Dermal exposure is not expected to be carcinogenic.*

*Information on: solvent naphtha*

*Assessment of carcinogenicity: Long-term exposure to highly irritating concentrations resulted in skin tumors in animals. A carcinogenic effect in humans can be excluded after brief skin contact. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.*

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### Reproductive toxicity

Assessment of reproduction toxicity: Based on available data, the classification criteria are not met.

*Information on: Acetone*

*Assessment of reproduction toxicity: As shown in animal studies, the product may cause damage to the testes after repeated high exposures that cause other toxic effects.*

*Information on: 1-methoxypropan-2-ol*

*Assessment of reproduction toxicity: The potential to impair fertility cannot be excluded when given at maternally toxic doses.*

*Information on: Zinc oxide*

*Assessment of reproduction toxicity: Animal studies gave no indication of a developmental toxic effect at doses that were not toxic to the parental animals. The product has not been fully tested. The statements have been derived in parts from products of a similar structure or composition. As shown in animal studies, the product may cause damage to the testes after repeated high exposures that cause other toxic effects.*

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### Teratogenicity

Assessment of teratogenicity: Based on available data, the classification criteria are not met.

*Information on: n-butanol*

*Assessment of teratogenicity: Animal studies gave no indication of a developmental toxic effect at doses that were not toxic to the parental animals. The potential to cause toxicity to development cannot be excluded when given in high doses.*

*Information on: naphthalene*

*Assessment of teratogenicity: Animal studies gave no indication of a developmental toxic effect at doses that were not toxic to the parental animals. Literature data.*

*Information on: phenol*

*Assessment of teratogenicity: Animal studies gave no indication of a developmental toxic effect at doses that were not toxic to the parental animals. Literature data.*

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### 12. Ecological Information

#### Toxicity

Aquatic toxicity

Assessment of aquatic toxicity:

Toxic to aquatic life. Toxic to aquatic life with long lasting effects. There are no test results available for this product. Do not allow to enter drains or waterways.

### 13. Disposal considerations

#### Waste disposal of substance:

Do not incinerate closed containers. The use and processing of this product, or addition of other constituents, may cause it to be considered a hazardous waste. Do not discharge into drains/surface waters/groundwater.

Must be disposed of or incinerated in accordance with local regulations.

#### Container disposal:

Do not reuse containers without commercial reconditioning. WARNING: Empty containers may still contain hazardous residue.

### 14. Transport Information

#### Land transport

TDG

Hazard class: 3  
Packing group: II  
ID number: UN 1263  
Hazard label: 3  
Proper shipping name: PAINT

#### Sea transport

IMDG

Hazard class: 3  
Packing group: II  
ID number: UN 1263  
Hazard label: 3, EHSM  
Marine pollutant: YES  
Proper shipping name: PAINT (contains ZINC PHOSPHATE)

#### Air transport

IATA/ICAO

Hazard class: 3  
Packing group: II  
ID number: UN 1263  
Hazard label: 3  
Proper shipping name: PAINT

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### 15. Regulatory Information

#### Federal Regulations

##### Registration status:

Chemical DSL, CA released / listed

##### NFPA Hazard codes:

Health: 3 Fire: 3 Reactivity: 0 Special:

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### 16. Other Information

#### SDS Prepared by:

BASF NA Product Regulations

SDS Prepared on: 2022/03/21

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

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END OF DATA SHEET