

# Safety Data Sheet

## Dispex® Ultra PX 4575

Revision date : 2018/10/09

Version: 4.0

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(30566525/SDS\_GEN\_US/EN)

### 1. Identification

#### Product identifier used on the label

## Dispex® Ultra PX 4575

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

Recommended use\*: Coating raw material for industrial applications, additives for inks, varnishes or coatings, dispersing agent

Recommended use\*: Raw material

\* 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

CHEMTREC: 1-800-424-9300  
BASF HOTLINE: 1-800-832-HELP (4357)

#### Other means of identification

Chemical family: additives, in water

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### 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.

#### Label elements

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

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### Hazards not otherwise classified

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

#### Labeling of special preparations (GHS):

Product contains the following components and may cause an allergic skin reaction: mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

Due to the low concentrations in this product, sensitization is not expected to occur.

### 3. Composition / Information on Ingredients

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

<u>CAS Number</u>	<u>Weight %</u>	<u>Chemical name</u>
52-51-7	>= 0.0 - < 0.1%	bronopol
7722-84-1	>= 0.1 - < 0.2%	hydrogen peroxide
1310-73-2	>= 0.3 - < 0.5%	Sodium Hydroxide

### 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. Seek medical attention.

##### **If on skin:**

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

##### **If in eyes:**

Wash affected eyes for at least 15 minutes under running water with eyelids held open. If irritation develops, seek medical attention.

##### **If swallowed:**

Rinse mouth and then drink plenty of water. Do not induce vomiting. Seek medical attention if necessary.

#### Most important symptoms and effects, both acute and delayed

Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

#### 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:  
water spray, dry powder, foam

#### Special hazards arising from the substance or mixture

Hazards during fire-fighting:  
harmful vapours

Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

#### Advice for fire-fighters

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

#### Further information:

The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

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### 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. Breathing protection required.

#### Environmental precautions

Do not discharge into drains/surface waters/groundwater.

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

For small amounts: Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder).  
Dispose of absorbed material in accordance with regulations.

For large amounts: Pump off product.

Place absorbed material in the same container as the spilled substance/product for disposal.

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### 7. Handling and Storage

#### Precautions for safe handling

No special measures necessary provided product is used correctly.

Protection against fire and explosion:

Take precautionary measures against static discharges.

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

Further information on storage conditions: Keep container tightly closed and dry; store in a cool place.

Protect from temperatures below: 0 °C

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### 8. Exposure Controls/Personal Protection

#### Components with occupational exposure limits

Sodium Hydroxide	OSHA PEL ACGIH TLV	PEL 2 mg/m <sup>3</sup> ; CLV 2 mg/m <sup>3</sup> ; CLV 2 mg/m <sup>3</sup> ;
hydrogen peroxide	OSHA PEL ACGIH TLV	PEL 1 ppm 1.4 mg/m <sup>3</sup> ; TWA value 1 ppm 1.4 mg/m <sup>3</sup> ; TWA value 1 ppm ;

#### **Advice on system design:**

Provide local exhaust ventilation to control vapours/mists.

#### Personal protective equipment

##### **Respiratory protection:**

Wear respiratory protection if ventilation is inadequate. Respiratory protection in case of vapour/aerosol release. Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator. Observe OSHA regulations for respirator use (29 CFR 1910.134).

##### **Hand protection:**

Chemical resistant protective gloves

##### **Eye protection:**

Safety glasses with side-shields. Wear face shield if splashing hazard exists.

##### **General safety and hygiene measures:**

Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice.

### 9. Physical and Chemical Properties

Form:	liquid	
Odour:	product specific	
Odour threshold:	No applicable information available.	
Colour:	yellow	
pH value:	approx. 8 - 9 ( 100 %(m)) not applicable	
Freezing point:	not determined	
Flash point:	> 100 °C	
Flammability:	not flammable	
Upper explosion limit:	For liquids not relevant for classification and labelling.	
Autoignition:	not applicable	(DIN 51794)
Vapour pressure:	not determined	
Density:	approx. 1.07 g/cm <sup>3</sup> ( 20 °C)	(ISO 2811-3)
Relative density:	1.07 ( 20 °C)	
Vapour density:	not determined	
Partitioning coefficient n- octanol/water (log Pow):	not applicable for mixtures	
Self-ignition temperature:	not self-igniting	
Thermal decomposition:	not determined	

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Viscosity, dynamic:	approx. 200 mPa.s ( 20 °C)
Solubility in water:	( 20 °C) miscible
Solubility (qualitative):	soluble
Evaporation rate:	solvent(s): polar solvents, not determined

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## 10. Stability and Reactivity

### Reactivity

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

Oxidizing properties:  
not fire-propagating

### Chemical stability

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

### Possibility of hazardous reactions

No hazardous reactions when stored and handled according to instructions.  
The product is chemically stable.

### Conditions to avoid

See MSDS section 7 - Handling and storage.

### Incompatible materials

No substances known that should be avoided.

### Hazardous decomposition products

Decomposition products:  
Hazardous decomposition products: No hazardous decomposition products known.

Thermal decomposition:  
not determined

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## 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: Virtually nontoxic after a single ingestion.

#### Oral

Type of value: LD50

Species: rat

Value: > 5,000 mg/kg

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

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### Inhalation

Type of value: LC50  
Species: rat  
Exposure time: 4 h  
not determined

### Dermal

Type of value: LD50  
Species: rat  
not determined

### Irritation / corrosion

Assessment of irritating effects: May cause slight irritation to the eyes. The product has not been tested. The statement has been derived from the properties of the individual components.

### Skin

Species: In vitro assay  
Result: non-irritant  
Method: OECD Guidelines 431/439

### Eye

Species: In vitro assay  
Result: non-irritant  
Method: other  
Tested as a preparation.

### Sensitization

Assessment of sensitization: The product contains a mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1) (CAS-No.:55965-84-9). May produce an allergic reaction. Due to the low concentrations in this product, sensitization is not expected to occur.

### Draize test

Species: guinea pig  
Result: Non-sensitizing.  
The product has not been tested. The statement has been derived from the properties of the individual components.

### Aspiration Hazard

No aspiration hazard expected.

## **Chronic Toxicity/Effects**

### Repeated dose toxicity

Assessment of repeated dose toxicity: After repeated exposure the prominent effect is local irritation. The product has not been tested. The statement has been derived from the properties of the individual components.

### Genetic toxicity

Assessment of mutagenicity: No data was available concerning mutagenic activity.

### Carcinogenicity

Assessment of carcinogenicity: The whole of the information assessable provides no indication of a carcinogenic effect.

### Reproductive toxicity

Assessment of reproduction toxicity: Based on the ingredients, there is no suspicion of a toxic effect on reproduction.

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### Teratogenicity

Assessment of teratogenicity: Based on the ingredients, there is no suspicion of a teratogenic effect.

### **Symptoms of Exposure**

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

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## **12. Ecological Information**

### **Toxicity**

#### Toxicity to fish

LC50 (96 h) > 100 mg/l, *Leuciscus idus*

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

#### Aquatic invertebrates

No data available.

#### Aquatic plants

No data available.

#### Chronic toxicity to fish

No data available regarding toxicity to fish.

#### Chronic toxicity to aquatic invertebrates

No data available regarding toxicity to daphnids.

### **Microorganisms/Effect on activated sludge**

#### Toxicity to microorganisms

The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.

### **Persistence and degradability**

#### Assessment biodegradation and elimination (H<sub>2</sub>O)

The polymer component of the product is poorly biodegradable.

### **Bioaccumulative potential**

#### Assessment bioaccumulation potential

The product has not been tested.

#### Bioaccumulation potential

At the present state of knowledge, no negative ecological effects are expected.

### **Additional information**

Add. remarks environm. fate & pathway:

Treatment in biological waste water treatment plants has to be performed according to local and administrative regulations.

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Other ecotoxicological advice:  
According to experience, the material has no harmful effect on the environment.

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### 13. Disposal considerations

**Waste disposal of substance:**

Do not discharge into drains/surface waters/groundwater. Dispose of in accordance with local authority regulations.

**Container disposal:**

Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

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### 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

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### 15. Regulatory Information

**Federal Regulations**

**Registration status:**

Chemical TSCA, US released / listed

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

**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](http://www.P65Warnings.ca.gov).

**NFPA Hazard codes:**

Health: 1 Fire: 1 Reactivity: 0 Special:

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### 16. Other Information

**SDS Prepared by:**



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BASF NA Product Regulations  
SDS Prepared on: 2018/10/09

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