

# Safety Data Sheet

## Dispex® Ultra PX 4585

Revision date : 2018/03/05  
Version: 3.0

Page: 1/9  
(30478348/SDS\_GEN\_US/EN)

### 1. Identification

#### Product identifier used on the label

## Dispex® Ultra PX 4585

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

Recommended use\*: Intermediate; dispersing agent

\* 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.

#### Hazards not otherwise classified

# Safety Data Sheet

## Dispex® Ultra PX 4585

Revision date : 2018/03/05  
Version: 3.0

Page: 2/9  
(30478348/SDS\_GEN\_US/EN)

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.

### 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. Assist in breathing if necessary.

##### **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: No significant reaction of the human body to the product known.

#### **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

#### **Extinguishing media**

Suitable extinguishing media:  
water spray, dry powder, foam

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

Hazards during fire-fighting:  
harmful vapours

# Safety Data Sheet

## Dispex® Ultra PX 4585

Revision date : 2018/03/05  
Version: 3.0

Page: 3/9  
(30478348/SDS\_GEN\_US/EN)

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:

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.

### 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.

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## 7. Handling and Storage

### Precautions for safe handling

Wear suitable personal protective clothing and equipment.

Protection against fire and explosion:

No special precautions necessary.

### Conditions for safe storage, including any incompatibilities

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

Protect from temperatures below: 0 °C

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## 8. Exposure Controls/Personal Protection

No occupational exposure limits known.

### Personal protective equipment

#### Respiratory protection:

Wear respiratory protection if ventilation is inadequate.

#### Hand protection:

Chemical resistant protective gloves

# Safety Data Sheet

## Dispex® Ultra PX 4585

Revision date : 2018/03/05  
Version: 3.0

Page: 4/9  
(30478348/SDS\_GEN\_US/EN)

### 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.

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## 9. Physical and Chemical Properties

Form:	liquid
Odour:	characteristic
Odour threshold:	No applicable information available.
Colour:	yellowish
pH value:	not determined
onset of melting:	approx. 0 °C
onset of boiling:	Information applies to the solvent. approx. 100 °C ( 1,013 hPa)
Flash point:	Information applies to the solvent. > 100 °C
Flammability:	Aqueous preparation not highly flammable
Lower explosion limit:	As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.
Upper explosion limit:	As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.
Autoignition:	not determined
Vapour pressure:	approx. 23 hPa ( 20 °C)
Density:	contains water 1.07 g/cm <sup>3</sup> ( 20 °C)
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:	358 - 410 °C, 145 kJ/kg (DSC (OECD 113)) Endothermic decomposition.
Solubility in water:	miscible
Miscibility with water:	miscible
Evaporation rate:	not determined

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## 10. Stability and Reactivity

### Reactivity

# Safety Data Sheet

## Dispex® Ultra PX 4585

Revision date : 2018/03/05  
Version: 3.0

Page: 5/9  
(30478348/SDS\_GEN\_US/EN)

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

strong oxidizing agents, strong bases, strong acids

### Hazardous decomposition products

Decomposition products:

Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

Thermal decomposition:

358 - 410 °C (DSC (OECD 113))  
Endothermic decomposition.

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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. Virtually nontoxic by inhalation. Virtually nontoxic after a single skin contact.

#### Oral

Type of value: LD50

Species: rat

Value: > 5,000 mg/kg

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

#### Inhalation

Type of value: LC50

Species: rat

Value: > 20 mg/l

Exposure time: 4 h

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

# Safety Data Sheet

## Dispex® Ultra PX 4585

Revision date : 2018/03/05  
Version: 3.0

Page: 6/9  
(30478348/SDS\_GEN\_US/EN)

### Dermal

Type of value: LD50

Species: rat

Value: > 5,000 mg/kg

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

### Irritation / corrosion

Assessment of irritating effects: Not irritating to eyes and skin.

### Skin

Species: rabbit

Result: non-irritant

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

### Eye

Species: rabbit

Result: non-irritant

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

### Sensitization

Assessment of sensitization: Not expected to cause skin sensitization. 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: No data available.

### Genetic toxicity

Assessment of mutagenicity: No data available concerning mutagenic effects.

### Carcinogenicity

Assessment of carcinogenicity: None of the components in this product at concentrations greater than 0.1% are listed by IARC; NTP, OSHA or ACGIH as a carcinogen.

### Reproductive toxicity

Assessment of reproduction toxicity: No data available.

### Teratogenicity

Assessment of teratogenicity: The product has not been tested. The statement has been derived from the structure of the product.

## **Symptoms of Exposure**

No significant reaction of the human body to the product known.

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## **12. Ecological Information**

### **Toxicity**

# Safety Data Sheet

## Dispex® Ultra PX 4585

Revision date : 2018/03/05  
Version: 3.0

Page: 7/9  
(30478348/SDS\_GEN\_US/EN)

### Aquatic toxicity

#### Assessment of aquatic toxicity:

The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations. At the present state of knowledge, no negative ecological effects are expected.

### Aquatic invertebrates

LC50 (48 h) > 100 mg/l, daphnia

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

### Aquatic plants

EC50 (72 h) > 100 mg/l, algae

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)

Not readily biodegradable (by OECD criteria).

## **Bioaccumulative potential**

### Assessment bioaccumulation potential

The product has not been tested.

## **Mobility in soil**

### Assessment transport between environmental compartments

No data available.

## **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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## **13. Disposal considerations**

### **Waste disposal of substance:**

Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

### **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

# Safety Data Sheet

## Dispex® Ultra PX 4585

Revision date : 2018/03/05  
Version: 3.0

Page: 8/9  
(30478348/SDS\_GEN\_US/EN)

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.

#### NFPA Hazard codes:

Health: 1 Fire: 1 Reactivity: 0 Special:

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## 16. Other Information

### SDS Prepared by:

BASF NA Product Regulations  
SDS Prepared on: 2018/03/05

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# Safety Data Sheet

## Dispex® Ultra PX 4585

Revision date : 2018/03/05

Page: 9/9

Version: 3.0

(30478348/SDS\_GEN\_US/EN)

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END OF DATA SHEET