

# Safety Data Sheet

## OMNI-PLEX

Revision date : 2010/07/06  
Version: 1.2

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(30481655/SDU\_GEN\_US/EN)

### 1. Product and Company Identification

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

24 Hour Emergency Response Information  
CHEMTREC: 1-800-424-9300  
BASF HOTLINE: 1-800-832-HELP (4357)

Registrant:

Chemical family: Emulsion based on: acrylic copolymer

### 2. Hazards Identification

#### Emergency overview

Signal word: CAUTION: !  
Colour: off-white  
Appearance: liquid  
State of matter: liquid  
Odour: mild  
Health: This product is an eye, skin and respiratory irritant., Harmful if swallowed., Possible reproductive effects.  
Physical/Chemical hazards: None Expected

#### Potential health effects

##### **Primary routes of entry:**

Skin, Eyes, Inhalation, Ingestion

##### **Chronic exposure:**

A component may cause embryotoxic and teratogenic effects.  
Contains a component that is a suspected endocrine disruptor

### 3. Composition/Information on Ingredients

<u>Chemical name</u>	<u>CAS Number</u>	<u>Content (Weight)</u>	<u>Hazardous</u>
1,2-Ethanediol	107-21-1	3.0 - 7.0 %	Y
Poly(oxy-1,2-ethanediyl), a-(nonylphenyl)-w-hydroxy-	9016-45-9	1.0 - 5.0 %	Y

This material is classified as hazardous under OSHA regulations.

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### 4. First-aid Measures

**Inhalation:**

Remove to fresh air, if not breathing give artificial respiration. If breathing is difficult, give oxygen and get immediate medical attention.

**Skin:**

Remove contaminated clothing. Wash affected skin with soap and plenty of water. Seek medical attention.

**Eyes:**

Wash affected eyes for at least 15 minutes under running water with eyelids held open.  
Seek medical attention.

**Ingestion:**

Do not induce vomiting. If vomiting occurs naturally, have casualty lean forward to reduce the risk of aspiration. Seek medical attention immediately.

### 5. Fire-fighting Measures

**Suitable extinguishing media:**

carbon dioxide, dry powder, foam, water spray

**Hazardous combustion products:**

Burning may produce toxic combustion products.

**Hazards during fire-fighting:**

Standard procedure for chemical fires.  
Cool fire-exposed containers with water.

**Protective equipment for fire-fighting:**

Wear self-contained breathing apparatus and chemical-protective clothing.

### 6. Accidental Release Measures

**Cleanup:**

Pick up with inert absorbent material (e.g. sand, earth etc.).  
Place into approved waste containers.  
Wear suitable protective equipment.  
Should not be released into the environment.

### 7. Handling and Storage

**Handling****General advice:**

As with all industrial chemicals, use good industrial practices when handling. Avoid eye, skin, and clothing contact. Do not inhale. Do not taste or swallow. Use only with adequate ventilation.

**Storage****General advice:**

Keep container tightly closed in a dry, cool and well-ventilated place.

**Temperature tolerance:**

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Product will freeze but should recover upon warming and mixing.

> for industrial use only <

### 8. Exposure Controls and Personal Protection

#### Exposure Guidelines

1,2-Ethanediol (107-21-1)	ACGIH	CEILING: 100 mg/m <sup>3</sup> aerosol
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#### **Engineering Controls:**

Work in well ventilated areas. Do not breathe vapors or mist.

#### **Personal protective equipment**

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

Wear a NIOSH-certified respirator as necessary.

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

Tightly fitting safety goggles (splash goggles) (EN 166)

##### **Body protection:**

Wear chemical resistant gloves and protective clothing.

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

Eye wash station and safety shower should be available in immediate work area., Select additional protective equipment based upon potential for exposure.

### 9. Physical and Chemical Properties

Colour:	off-white	
Form:	liquid	
State of matter:	liquid	
Odour:	mild	
pH value:	approx.3.5	
Lower explosion limit:		Not applicable
Upper explosion limit:		Not applicable
Flash point:		Not applicable
Self-ignition temperature:		Not applicable
Melting point:		Not applicable
Boiling point:	approx. 100 °C	
Vapour pressure:		Not tested
Density:	approx. 1.1 g/cm <sup>3</sup>	
Partitioning coefficient n-octanol/water (log Pow):		Not applicable
Viscosity, dynamic:		Not tested
% Volatiles:		not determined
Solubility in water:		miscible

### 10. Stability and Reactivity

#### **Stability:**

Stable

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**Conditions to avoid:** Avoid temperature extremes.

**Substances to avoid:** Strong oxidizing agents., Avoid contact with reactive chemicals.

**Possibility of Hazardous Reactions:** No hazardous reactions known.

**Hazardous decomposition products:** Hazardous decomposition products: No decomposition expected under normal storage conditions.

### 11. Toxicological Information

**Acute oral toxicity:**

not determined

**Acute inhalation toxicity:**

not determined

**Acute dermal toxicity:**

not determined

**Skin irritation:**

not determined

**Eye irritation:**

not determined

**Skin Sensitization:**

not determined

**Chronic toxicity:**

Contains component(s) at greater than 1% which is a suspected endocrine disruptor.

**Subacute Toxicity:**

not determined

**Subchronic Toxicity:**

not determined

**Genetic toxicity:**

Not determined

**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:**

Contains component(s) at greater than 1% which is known to cause reproductive effects.

**Developmental toxicity/teratogenicity:**

Contains component(s) at greater than 1% which is known to cause teratogenic effects.

### 12. Ecological Information

**Toxicity to fish:**

96 h/LC50: = > 100 ppm

By analogy with a product of similar composition

**Toxicity to aquatic invertebrates:**

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Not tested

### Toxicity to aquatic plants:

Not tested

### Toxicity to microorganisms:

Not tested

### Biodegradation:

Not tested

### Other ecotoxicological advice:

Limited ecological data are available. May be harmful to the aquatic environment.

## 13. Disposal Considerations

### Waste disposal of substance:

Dispose of in accordance with national, state and local regulations.

**Resource Conservation and Recovery Act (RCRA):** Not a hazardous waste under RCRA (40 CFR 261).

## 14. Transport Information

### U.S. Department of Transportation

The listed Transportation Classification does not address regulatory variations due to changes in package size, mode of shipment or other regulatory descriptors.

### Road transport:

Special shipping information: Not classified as a dangerous good under transport regulations.

### Air transport:

Special shipping information: Not classified as a dangerous good under transport regulations.

### International Air Transport Association (IATA)

Special shipping information: Not classified as a dangerous good under transport regulations.

### International Maritime Dangerous Goods Code (IMDG)

Special shipping information: Not classified as a dangerous good under transport regulations.

## 15. Regulatory Information

Canada: Domestic Substances List (DSL):

All components either exempt or listed on the DSL

US: Toxic Substances Control Act (TSCA):

All component(s) comprising this product are either exempt or listed on the TSCA inventory

### United States - Regulations

#### SARA Section 311/312 Hazard Communication Standard:

Acute Health:	Y	Fire:	N
Chronic Health:	Y	Reactivity:	N
		Sudden release of pressure:	N

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### SARA Section 313 Toxic Chemical List:

#### OSHA hazard category:

This material is classified as hazardous under OSHA regulations.

#### Toxic Substances Control Act (TSCA) Significant New Use Rule (SNUR):

This product is not subject to a Significant New Use Rule (SNUR).

#### Toxic Substances Control Act (TSCA) Section 5(e) Consent Orders:

This product is not subject to a Section 5(e) Consent Order.

#### Toxic Substances Control Act (TSCA) Section 5(f):

This product is not subject to a Section 5(f)/6(a) rule.

#### Toxic Substances Control Act (TSCA) Section 12(b) Export Notification:

No components listed.

#### Clean Air Act - Hazardous Air Pollutants (HAP):

<u>Chemical name</u>	<u>CAS Number</u>	<u>Notification</u>
Formaldehyde	50-00-0	Listed
1,2-Ethandiol	107-21-1	Listed
2-Propenoic acid	79-10-7	Listed

#### Clean Air Act 111 - Volatile Organic Compounds (VOC):

<u>Chemical name</u>	<u>CAS Number</u>	<u>Notification</u>
Formaldehyde	50-00-0	Listed
1,2-Ethandiol	107-21-1	Listed
2-Propenoic acid	79-10-7	Listed

#### Clean Air Act 602 - Ozone Depleting Substances (ODS):

This product neither contains, nor was manufactured with, a Class I or Class II ozone depleting substance (ODS), as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App. A+B).

#### Clean Water Act - Priority Pollutants (PP):

This product does not contain any priority pollutants listed under the U.S. Clean Water Act Section 307(2)(1) Priority Pollutant List (40 CFR 401.15).

#### Pennsylvania Right to Know:

<u>Chemical name</u>	<u>CAS Number</u>	<u>Notification</u>
sulfuric acid disodium salt	7757-82-6	Environmental hazard
Formaldehyde	50-00-0	Special hazard
Formaldehyde	50-00-0	Environmental hazard
Formaldehyde	50-00-0	Listed
1,2-Ethandiol	107-21-1	Environmental hazard
1,2-Ethandiol	107-21-1	Listed
2-Propenoic acid	79-10-7	Environmental hazard
2-Propenoic acid	79-10-7	Listed

#### California Proposition 65 - Chemicals Known to the State to Cause Cancer:

<u>Chemical name</u>	<u>CAS Number</u>	<u>Notification</u>
Formaldehyde	50-00-0	Carcinogenic.

WARNING: This product contains a chemical known to the State of California to cause cancer.

#### International Regulations

#### Chemical Weapons Convention:

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This product does not contain any component(s) listed under the Chemical Weapons Convention Schedule of Chemicals.

### 16. Other Information

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Due to the merger of CIBA and BASF Group all Material Safety Data Sheets have been reassessed on the basis of consolidated information. This may have resulted in changes of the Material Safety Data Sheets. In case you have questions concerning such changes please contact us at the address mentioned in Section I.

END OF DATA SHEET