

# SAFETY DATA SHEET

## BL0940 MISTY PBC-20 12QT CS

Version 3.0

Revision Date 01/13/2025

Print Date 04/27/2025

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Material name : BL0940 MISTY PBC-20 12QT CS

Material number : 000000000001038804

#### Manufacturer or supplier's details

Company : Zep Inc.

Address : 350 Joe Frank Harris Parkway, SE  
Emerson, GA 30137

Telephone : Compliance Services - 877-428-9937

#### Emergency telephone numbers

**For SDS Information** : Compliance Services - 877-428-9937

**For a Medical Emergency** : 877-541-2016 Toll Free - All Calls Recorded

**For a Transportation Emergency** : CHEMTREC: 800-424-9300 - All Calls Recorded.  
In the District of Columbia 202-483-7616

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

### SECTION 2. HAZARDS IDENTIFICATION

#### Emergency Overview

|            |                 |
|------------|-----------------|
| Appearance | liquid          |
| Colour     | light red, pink |
| Odour      | characteristic  |

#### GHS Classification

Skin corrosion : Category 1

Serious eye damage : Category 1

#### GHS label elements

Hazard pictograms :



Corrosion

Signal word : Danger

Hazard statements : H314 Causes severe skin burns and eye damage.

Precautionary statements : **Prevention:**  
P264 Wash skin thoroughly after handling.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
**Response:**  
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P303 + P361 + P353 IF ON SKIN (or hair): Take off

# SAFETY DATA SHEET

## BL0940 MISTY PBC-20 12QT CS

Version 3.0

Revision Date 01/13/2025

Print Date 04/27/2025

immediately all contaminated clothing. Rinse skin with water/shower.

P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.

P363 Wash contaminated clothing before reuse.

### **Storage:**

P405 Store locked up.

### **Disposal:**

P501 Dispose of contents/container in accordance with local regulation.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

### **Hazardous components**

| Chemical name        | CAS-No.   | Concentration [%] |
|----------------------|-----------|-------------------|
| orthophosphoric acid | 7664-38-2 | >= 20 - < 30      |

The exact percentages of disclosed substances are withheld as trade secrets.

## SECTION 4. FIRST AID MEASURES

- General advice : Move out of dangerous area.  
Show this safety data sheet to the doctor in attendance.  
Do not leave the victim unattended.
- If inhaled : If unconscious, place in recovery position and seek medical advice.  
Consult a physician after significant exposure.
- In case of skin contact : If skin irritation persists, call a physician.  
Wash off immediately with plenty of water for at least 15 minutes.  
If on clothes, remove clothes.
- In case of eye contact : Remove contact lenses.  
Protect unharmed eye.  
Rinse immediately with plenty of water for at least 15 minutes.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.  
Never give anything by mouth to an unconscious person.  
DO NOT induce vomiting unless directed to do so by a physician or poison control center.

# SAFETY DATA SHEET

## BL0940 MISTY PBC-20 12QT CS

Version 3.0

Revision Date 01/13/2025

Print Date 04/27/2025

If symptoms persist, call a physician.  
Take victim immediately to hospital.

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### SECTION 5. FIREFIGHTING MEASURES

|   |   |
|---|---|
| Suitable extinguishing media                  | : Carbon dioxide (CO2)<br>Alcohol-resistant foam<br>Dry chemical<br>Water spray jet   |
| Unsuitable extinguishing media                | : High volume water jet   |
| Specific hazards during firefighting          | : Do not allow run-off from fire fighting to enter drains or water courses.   |
| Hazardous combustion products                 | : Carbon dioxide (CO2)<br>Carbon monoxide<br>Smoke<br>Phosphorus compounds  |
| Specific extinguishing methods                | : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.   |
| Further information                           | : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.<br>Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. |
| Special protective equipment for firefighters | : Wear self-contained breathing apparatus for firefighting if necessary.  |

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### SECTION 6. ACCIDENTAL RELEASE MEASURES

|   |  |
|---|--|
| Personal precautions, protective equipment and emergency procedures | : Use personal protective equipment.<br>Ensure adequate ventilation.<br>Evacuate personnel to safe areas.<br>Remove all sources of ignition.   |
| Environmental precautions   | : Prevent product from entering drains.<br>Prevent further leakage or spillage if safe to do so.<br>If the product contaminates rivers and lakes or drains, inform respective authorities. |
| Methods and materials for containment and cleaning up               | : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).<br>Sweep up or vacuum up spillage and collect in suitable container for disposal. |

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### SECTION 7. HANDLING AND STORAGE

|                         |  |
|-------------------------|--|
| Advice on safe handling | : Avoid exposure - obtain special instructions before use. |
|-------------------------|--|

# SAFETY DATA SHEET

## BL0940 MISTY PBC-20 12QT CS

Version 3.0

Revision Date 01/13/2025

Print Date 04/27/2025

Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Do not breathe vapours or spray mist.  
Take precautionary measures against static discharges.  
Provide sufficient air exchange and/or exhaust in work rooms.  
Dispose of rinse water in accordance with local and national regulations.

Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.  
Observe label precautions.  
Electrical installations / working materials must comply with the technological safety standards.

Materials to avoid : Do not store near acids.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

| Components           | CAS-No.   | Value type<br>(Form of exposure) | Control parameters / Permissible concentration | Basis     |
|----------------------|-----------|----------------------------------|--|-----------|
| orthophosphoric acid | 7664-38-2 | TWA                              | 1 mg/m3  | ACGIH     |
|                      |           | STEL                             | 3 mg/m3  | ACGIH     |
|                      |           | TWA                              | 1 mg/m3  | NIOSH REL |
|                      |           | ST                               | 3 mg/m3  | NIOSH REL |
|                      |           | TWA                              | 1 mg/m3  | OSHA Z-1  |
|                      |           | TWA                              | 1 mg/m3  | OSHA P0   |
|                      |           | STEL                             | 3 mg/m3  | OSHA P0   |
|                      |           | PEL                              | 1 mg/m3  | CAL PEL   |
|                      |           | STEL                             | 3 mg/m3  | CAL PEL   |

Engineering measures : effective ventilation in all processing areas

#### Personal protective equipment

Respiratory protection : Effective dust mask

#### Hand protection

Material : Protective gloves

Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Access to clean water to rinse eyes must be available, options include: eye wash stations or showers, or eye wash bottles with pure water.  
Safety glasses

Skin and body protection : Impervious clothing  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

# SAFETY DATA SHEET

## BL0940 MISTY PBC-20 12QT CS

Version 3.0

Revision Date 01/13/2025

Print Date 04/27/2025

Hygiene measures : When using do not eat or drink.  
When using do not smoke.  
Wash hands before breaks and at the end of workday.

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### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

|  |   |
|--|---|
| Appearance                             | : liquid                                  |
| Colour                                 | : light red, pink                         |
| Odour                                  | : characteristic                          |
| Odour Threshold                        | : No data available                       |
| pH                                     | : 1.5 - 2.0                               |
| Melting point/freezing point           | : No data available                       |
| Boiling point                          | : No data available                       |
| Flash point                            | :<br>Method: closed cup<br>Not applicable |
| Evaporation rate                       | : No data available                       |
| Upper explosion limit                  | : No data available                       |
| Lower explosion limit                  | : No data available                       |
| Vapour pressure                        | : No data available                       |
| Relative vapour density                | : No data available                       |
| Relative density                       | : 1.1156                                  |
| Density                                | : No data available                       |
| Solubility(ies)                        |   |
| Water solubility                       | : soluble                                 |
| Partition coefficient: n-octanol/water | : No data available                       |
| Auto-ignition temperature              | : not determined                          |
| Thermal decomposition                  | : No data available                       |
| Viscosity                              |   |
| Viscosity, kinematic                   | : No data available                       |

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### SECTION 10. STABILITY AND REACTIVITY

|                    |                                   |
|--------------------|-----------------------------------|
| Reactivity         | : Stable                          |
| Chemical stability | : Stable under normal conditions. |

# SAFETY DATA SHEET

## BL0940 MISTY PBC-20 12QT CS

Version 3.0

Revision Date 01/13/2025

Print Date 04/27/2025

|                                    |   |
|------------------------------------|---|
| Possibility of hazardous reactions | : No decomposition if stored and applied as directed. |
| Conditions to avoid                | : Heat, flames and sparks.                            |
| Incompatible materials             | : Bases   |
| Hazardous decomposition products   | : No decomposition if stored and applied as directed. |

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Potential Health Effects

##### Carcinogenicity:

###### IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

###### ACGIH

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

###### OSHA

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

###### NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

#### Acute toxicity

No data available

#### Skin corrosion/irritation

##### Product:

Remarks: Extremely corrosive and destructive to tissue.

#### Serious eye damage/eye irritation

##### Product:

Remarks: May cause irreversible eye damage.

#### Respiratory or skin sensitisation

No data available

#### Germ cell mutagenicity

No data available

#### Carcinogenicity

No data available

#### Reproductive toxicity

No data available

# SAFETY DATA SHEET

## BL0940 MISTY PBC-20 12QT CS

Version 3.0

Revision Date 01/13/2025

Print Date 04/27/2025

### STOT - single exposure

No data available

### STOT - repeated exposure

No data available

### Aspiration toxicity

No data available

### Further information

#### Product:

Remarks: No data available

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## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

No data available

### Persistence and degradability

No data available

### Bioaccumulative potential

#### Product:

Partition coefficient: n-octanol/water : Remarks: No data available

### Mobility in soil

No data available

### Other adverse effects

No data available

#### Product:

Regulation 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances

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

Additional ecological information : No data available

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## SECTION 13. DISPOSAL CONSIDERATIONS

# SAFETY DATA SHEET

## BL0940 MISTY PBC-20 12QT CS

Version 3.0

Revision Date 01/13/2025

Print Date 04/27/2025

### Disposal methods

- Waste from residues : Do not dispose of waste into sewer.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Send to a licensed waste management company.
- Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.

## SECTION 14. TRANSPORT INFORMATION

Transportation Regulation: 49 CFR (USA):  
UN1760, Corrosive liquids, n.o.s., (PHOSPHORIC ACID), 8, III - Limited quantity

Transportation Regulation: IMDG (Vessel):  
UN1760, CORROSIVE LIQUID, N.O.S., (PHOSPHORIC ACID), 8, III - Limited quantity

Transportation Regulation: IATA (Cargo Air):  
UN1760, Corrosive liquid, n.o.s., (PHOSPHORIC ACID), 8, III

Transportation Regulation: IATA (Passenger Air):  
UN1760, Corrosive liquid, n.o.s., (PHOSPHORIC ACID), 8, III

Transportation Regulation: TDG (Canada):  
UN1760, CORROSIVE LIQUID, N.O.S., (PHOSPHORIC ACID), 8, III - Limited quantity

The product as delivered to the customer conforms to packaging requirements for shipment by road under US Department of Transportation (DOT) regulations. Additional transportation classifications noted above are for reference only, and not a certification or warranty of the suitability of the packaging for shipment under these alternative transport regulations.

## SECTION 15. REGULATORY INFORMATION

**TSCA list** : No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

### EPCRA - Emergency Planning and Community Right-to-Know Act

#### CERCLA Reportable Quantity

| Components           | CAS-No.   | Component RQ<br>(lbs) | Calculated product RQ<br>(lbs) |
|----------------------|-----------|-----------------------|--------------------------------|
| orthophosphoric acid | 7664-38-2 | 5000                  | *                              |

\*: Calculated RQ exceeds reasonably attainable upper limit.

#### SARA 304 Extremely Hazardous Substances Reportable Quantity



# SAFETY DATA SHEET

## BL0940 MISTY PBC-20 12QT CS

Version 3.0

Revision Date 01/13/2025

Print Date 04/27/2025

This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312 Hazards** : Skin corrosion or irritation  
Serious eye damage or eye irritation

**SARA 302** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

### California Prop. 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

### The components of this product are reported in the following inventories:

**DSL** All components of this product are on the Canadian DSL  
**TSCA** On TSCA Inventory

For information on the country notification status for other regions please contact the manufacturer's regulatory group.

### Inventory Acronym and Validity Area Legend:

TSCA (USA), DSL (Canada), NDSL (Canada)

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## SECTION 16. OTHER INFORMATION

# SAFETY DATA SHEET

## BL0940 MISTY PBC-20 12QT CS

Version 3.0

Revision Date 01/13/2025

Print Date 04/27/2025

### Further information

#### NFPA:

|                 |   |
|-----------------|---|
| HEALTH          | 3 |
| FLAMMABILITY    | 0 |
| INSTABILITY     | 0 |
| SPECIAL HAZARD. |   |

0 = not significant, 1 = Slight,  
2 = Moderate, 3 = High  
4 = Extreme

#### HMIS III:

|                 |   |
|-----------------|---|
| HEALTH          | 3 |
| FLAMMABILITY    | 1 |
| PHYSICAL HAZARD | 0 |

0 = not significant, 1 = Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

### OSHA - GHS Label Information:

Hazard pictograms



Corrosion

Signal word

: **Danger:**

Hazard statements

: Causes severe skin burns and eye damage.

Precautionary statements

:

**Prevention:** Wash skin thoroughly after handling. Wear protective gloves/ protective clothing/ eye protection/ face protection.

**Response:** IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. Wash contaminated clothing before reuse.

**Storage:** Store locked up.

**Disposal:** Dispose of contents/container in accordance with local regulation.

## SAFETY DATA SHEET

### BL0940 MISTY PBC-20 12QT CS

Version 3.0

Revision Date 01/13/2025

Print Date 04/27/2025

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