



## DiverContact XP Direct Food Contact Antimicrobial Solution

Version Number: 1

Preparation date: 2018-08-29

### 1. IDENTIFICATION

**Product name:** DiverContact XP Direct Food Contact Antimicrobial Solution  
**Product Code:** 101101572, 101101573  
**SDS #:** MS0801354

**Recommended use:**

- Food Processing
- This product is intended to be diluted prior to use
- Industrial/Institutional

**Uses advised against:** Uses other than those identified are not recommended

**Manufacturer, importer, supplier:**

US Headquarters  
 Diversey, Inc.  
 2415 Cascade Pointe Blvd.  
 Charlotte, NC 28208  
 Phone: 1-888-352-2249  
 SDS Internet Address: <https://sds.diversey.com>

Canadian Headquarters  
 Diversey Canada, Inc.  
 3755 Laird Road Units 8-11  
 Mississauga, Ontario L5L 0B3  
 Phone: 1-800-668-7171

**Emergency telephone number:** 1-800-851-7145; 1-651-917-6133 (Int'l)

### 2. HAZARDS IDENTIFICATION

**Classification for the undiluted product**

Acute oral toxicity	Category 4
Acute dermal toxicity	Category 4
Skin corrosion/irritation	Category 1A
Serious eye damage/eye irritation	Category 1
Oxidation	Oxidizing Liquid 2
Organic peroxides	Organic Peroxide F
Metal Corrosion:	Category 1



**Signal Word:**

**Danger.**

**Hazard and Precautionary Statements**

**CAUSES SEVERE SKIN BURNS AND SERIOUS EYE DAMAGE. MAY INTENSIFY FIRE; OXIDIZER. MAY BE CORROSIVE TO METALS. HEATING MAY CAUSE A FIRE. HARMFUL IF SWALLOWED. HARMFUL IN CONTACT WITH SKIN.**

Wear protective gloves, protective clothing and eye or face protection. Do not breathe mist or spray. Wash face, hands and any exposed skin thoroughly after handling. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep and store away from clothing and other combustible materials. Do not eat, drink or smoke when using this product. Keep only in original container. Take any precaution to avoid mixing with combustibles. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER/doctor/physician if you feel unwell. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. 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 or doctor/physician. In case of fire: use water, water spray, water jet, carbon dioxide, sand, foam, alcohol resistant foam or chemical powder for extinction. Absorb spillage to prevent material damage. Store at temperatures not exceeding 30 °C/ 30 °F. Keep cool. Store away from other materials. Protect from sunlight. Store locked up. Store in corrosive-resistant container with a resistant inner liner. Dispose of contents and container in accordance with local,

**DiverContact XP Direct Food Contact  
 Antimicrobial Solution**

regional, national, international regulations. SUPPLEMENTAL INFORMATION: DO NOT MIX WITH AMMONIA, BLEACH OR OTHER CHLORINATED COMPOUNDS. Mix only with water. Can react to release hazardous gases. May vigorously react with strong alkaline products resulting in spattering and excessive heat.

**Health hazards not otherwise classified (HHNOC)** - Not applicable

**Physical hazards not otherwise classified (PHNOC)** - Not applicable

#### **Classification for the diluted product**

This product, when diluted as stated on the label, is not classified as hazardous according to OSHA 29CFR 1910.1200 (HazCom 2012-GHS) and Canadian Hazardous Products Regulations (HPR) (WHMIS 2015-GHS).

#### **Hazard and Precautionary Statements**

None required.

### **3. COMPOSITION/INFORMATION ON INGREDIENTS**

#### **Classified Ingredients**

<b>Ingredient(s)</b>	<b>CAS #</b>	<b>Weight %</b>
Acetic acid	64-19-7	40 - 50%
Peracetic acid	79-21-0	21.5 - 25.5%
Hydrogen peroxide	7722-84-1	4.0 - 6.0%
Hydroxyethylidene diphosphonic acid	2809-21-4	> 0.1 - < 1%

\*Exact percentages are being withheld as trade secret information

### **4. FIRST AID MEASURES**

#### **Undiluted Product:**

**Eyes:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes.

**Skin:** IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water for at least 15 minutes.

**Inhalation:** IF INHALED: Remove person to fresh air and keep comfortable for breathing.

**Ingestion:** IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel. IF SWALLOWED: Call a Poison Center (1-800-851-7145) or doctor/physician if you feel unwell.

**Most Important Symptoms/Effects:** Burning.

**Immediate medical attention and special treatment needed** Not applicable.

#### **Diluted Product:**

**Eyes:** Rinse with plenty of water.

**Skin:** Rinse with plenty of water.

**Inhalation:** If breathing is affected, remove to fresh air

**Ingestion:** Rinse mouth with water. If large amounts swallowed or symptoms develop, get medical attention

### **5. FIRE-FIGHTING MEASURES**

**Specific methods:**

Avoid inhalation of material or combustion by-products

**Suitable extinguishing media:**

Dry powder. Foam. Carbon dioxide. Sand. Use water spray or fog; do not use straight streams.

**Specific hazards:**

Oxidizer. Corrosive material (See sections 8 and 10).

**Special protective equipment for firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**Extinguishing media which must not be used for safety reasons:** Do not use a solid water stream as it may scatter and spread fire.

### **6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:**

Ventilate the area. Put on appropriate personal protective equipment (see Section 8.). DO NOT use combustible materials such as sawdust. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area).

**Environmental precautions and clean-up methods:**

Oxidizing material, do not allow to dry on material which may burn. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Prevent product from entering drains.

## 7. HANDLING AND STORAGE

**Handling:** STRONG OXIDIZER. Keep away from heat. Keep and store away from clothing and other combustible materials. Wash contaminated clothing before reuse. Keep container tightly closed. Avoid breathing vapors or mists. Avoid contact with skin, eyes and clothing. Do not taste or swallow. Use only with adequate ventilation. Wash thoroughly after handling. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. Remove and wash contaminated clothing and footwear before re-use. Absorb spillage to prevent material damage. Mix only with water. DO NOT MIX WITH AMMONIA, BLEACH, OR OTHER CHLORINATED COMPOUNDS. Can react to release hazardous gases. May vigorously react with strong alkaline products resulting in spattering and excessive heat. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

**Storage:** Store in a well-ventilated place. Keep cool. Store in corrosive-resistant container with a resistant inner liner. Store in a cool, dry place, isolated from all organic material. Avoid heat and direct sunlight. Keep container closed.

**Aerosol Level (if applicable) :** Not applicable.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Guidelines:

Ingredient(s)	CAS #	ACGIH	OSHA
Acetic acid	64-19-7	15 ppm (STEL) 10 ppm (TWA)	10 ppm (TWA) 25 mg/m <sup>3</sup> (TWA)
Peracetic acid	79-21-0	0.4 ppm (STEL)	-
Hydrogen peroxide	7722-84-1	1 ppm (TWA)	1 ppm (TWA) 1.4 mg/m <sup>3</sup> (TWA)

### Undiluted Product:

#### Engineering measures to reduce exposure:

General room ventilation plus local exhaust should be used to minimize exposure to vapors. In case of insufficient ventilation wear suitable respiratory equipment.

#### Personal Protective Equipment

##### Eye protection:

Chemical-splash goggles.

##### Hand protection:

Chemical-resistant gloves.

##### Skin and body protection:

Wear suitable protective clothing. Protective footwear.

##### Respiratory protection:

In case of insufficient ventilation wear suitable respiratory equipment. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

##### Hygiene measures:

Remove and wash contaminated clothing and footwear before re-use. Handle in accordance with good industrial hygiene and safety practice.

### Diluted Product:

#### Engineering measures to reduce exposure:

Good general ventilation should be sufficient to control airborne levels.

##### Eye protection:

Chemical-splash goggles.

##### Hand protection:

Chemical-resistant gloves.

##### Skin and body protection:

No special requirements under normal use conditions.

##### Respiratory protection:

No special requirements under normal use conditions.

##### Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid

**Evaporation Rate:** No information available

**Odor threshold:** No information available.

**Melting point/range:** Not determined

**Autoignition temperature:** > 518 °F >270 °C

**Solubility in other solvents:** No information available

**Density:** 9.26 g/ml 1.11

**Bulk density:** No information available

**Flash point (°F):** >200°F >93 °C

**Viscosity:** No information available

**VOC:** 75.5 % \*

**Flammability (Solid or Gas):** Not applicable

**Sustained combustion:** Not applicable

**Explosion limits:** - upper: Not determined - lower: Not determined

**Color:** Clear

**Odor:** Product specific Acetic Acid

**Boiling point/range:** Not determined

**Decomposition temperature:** Not determined

**Solubility:** Completely Soluble

**Relative Density (relative to water):** 1.11

**Vapor density:** No information available

**Vapor pressure:** 25 mmHg

**Partition coefficient (n-octanol/water):** No information available

**Elemental Phosphorus:** - No information available

**pH:** 1

**Corrosion to metals:** Corrosive

Dilution pH: 3  
Dilution Flash Point (°F): > 200 °F > 93 °C  
VOC % by wt. at use dilution 0.4%

\* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

## 10. STABILITY AND REACTIVITY

**Reactivity:** Not Applicable  
**Stability:** Stable under recommended storage conditions  
**Possibility of hazardous reactions:** May vigorously react with strong alkaline products resulting in spattering and excessive heat.  
**Hazardous decomposition products:** Oxygen.  
**Materials to avoid:** Strong bases. Ammonia. Metals. Reducing agents. Combustible Materials. Do not mix with chlorinated products (such as bleach). Do not mix with any other product or chemical unless specified in the use directions.  
**Conditions to avoid:** Extremes of temperature and direct sunlight.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure:

Skin contact, Inhalation, Ingestion, Eye contact

### Delayed, immediate, or chronic effects and symptoms from short and long-term exposure

**Skin contact:** Corrosive. Causes severe burns. Harmful in contact with skin. Symptoms may include burns, blisters, redness and pain (which may be delayed).

**Eye contact:** Corrosive. Causes serious eye damage. Symptoms may include pain, burning sensation, redness, watering, blurred vision or loss of vision.

**Ingestion:** Causes burns/ serious damage to mouth, throat and stomach. Symptoms may include stomach pain and nausea.

**Inhalation:** Harmful if inhaled. May cause irritation and corrosive effects to nose, throat and respiratory tract. Symptoms may include coughing and difficulty breathing.

**Sensitization:** No known effects.

**Target Organs (SE):** No information available

**Target Organs (RE):** None known

### Numerical measures of toxicity

ATE - Oral (mg/kg): 640  
ATE - Dermal (mg/kg): 1905  
ATE - Inhalatory, vapors (mg/l): >20

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No information available.

**Persistence and Degradability:** No information available.

**Bioaccumulation:** No information available.

## 13. DISPOSAL CONSIDERATIONS

**Waste from residues / unused products (undiluted product):** This product, as sold, if discarded or disposed, is a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

**Waste from residues / unused products (diluted product):** This product, as sold, if discarded or disposed, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

**RCRA Hazard Class (undiluted product):** D002 Corrosive Waste

**RCRA Hazard Class (diluted product):** Not Applicable

**Contaminated Packaging:** Do not re-use empty containers.

## 14. TRANSPORT INFORMATION

**DOT (Ground) Bill of Lading Description:** UN3109, ORGANIC PEROXIDE TYPE F, LIQUID, (peracetic acid, hydrogen peroxide), 5.2

**IMDG (Ocean) Bill of Lading Description:** UN3109, ORGANIC PEROXIDE TYPE F, LIQUID, (peracetic acid, hydrogen peroxide), 5.2

## 15. REGULATORY INFORMATION

### International Inventories at CAS# Level

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL).

### RIGHT TO KNOW (RTK)

<b>Ingredient(s)</b>	<b>CAS #</b>	<b>MARTK:</b>	<b>NJRTK:</b>	<b>PARTK:</b>	<b>RIRTK:</b>
Acetic acid	64-19-7	X	X	X	X
Peracetic acid	79-21-0	X	X	X	X
Water	7732-18-5	-	-	-	-
Hydrogen peroxide	7722-84-1	X	X	X	X
Hydroxyethylidene diphosphonic acid	2809-21-4	-	-	-	-

### CERCLA/ SARA

<b>Ingredient(s)</b>	<b>CAS #</b>	<b>Weight %</b>	<b>CERCLA/SARA RQ (lbs)</b>	<b>Section 302 TPQ (lbs)</b>	<b>Section 313</b>
Acetic acid	64-19-7	50 - 60%	5000		
Peracetic acid	79-21-0	20 - 30%		500	X
Hydrogen peroxide	7722-84-1	5 - 10%		1000	

### Canadian Regulations

<b>Ingredient(s)</b>	<b>CAS #</b>	<b>NPRI</b>
Peracetic acid	79-21-0	X

## 16. OTHER INFORMATION

### NFPA (National Fire Protection Association)

Rating Scale: (Low Hazard) 0 - 4 (Extreme Hazard)

**Health** 3

**Flammability** 1

**Instability** 1

**Special Hazards** Oxy

### Diluted Product:

**Health** 1

**Flammability** 0

**Instability** 0

**Version Number:** 1

**Preparation date:** 2018-08-29

**Reason for revision:**

Not applicable

**Prepared by:**

NAPRAC

**Additional advice:**

• Does not contain an added fragrance

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