

## EP50 Cleaner Disinfectant

Revision: 2024-07-31

Version: 01.0

### 1. IDENTIFICATION

|                                                                                       |                                                                                                                                                                             |
|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product name:                                                                         | EP50 Cleaner Disinfectant                                                                                                                                                   |
| SDS #:                                                                                | MS0801958                                                                                                                                                                   |
| Recommended use:                                                                      | <ul style="list-style-type: none"> <li>• Disinfectant Cleaner</li> <li>• This product is intended to be diluted prior to use</li> <li>• Industrial/Institutional</li> </ul> |
| Uses advised against:                                                                 | Uses other than those identified are not recommended                                                                                                                        |
| Manufacturer, importer, supplier:                                                     | Canadian Headquarters                                                                                                                                                       |
| US Headquarters                                                                       | Avmor                                                                                                                                                                       |
| Avmor                                                                                 | 6150 Kennedy Road Unit 3                                                                                                                                                    |
| 1300 Altura Rd., Suite 125                                                            | Mississauga, Ontario L5T 2J4                                                                                                                                                |
| Fort Mill, SC 29708                                                                   | Phone: 1-800-668-7171                                                                                                                                                       |
| Phone: 1-888-352-2249                                                                 |                                                                                                                                                                             |
| SDS Internet Address: <a href="https://sds.diversey.com">https://sds.diversey.com</a> |                                                                                                                                                                             |
| Emergency telephone number:                                                           | 1-800-851-7145; 1-651-917-6133 (Int'l)                                                                                                                                      |

### 2. HAZARDS IDENTIFICATION

#### Classification for the undiluted product

Eye irritation, Category 2A  
 Skin sensitization, Category 1

Signal word:

Warning.

#### Hazard Statements

**CAUSES SERIOUS EYE IRRITATION. MAY CAUSE AN ALLERGIC SKIN REACTION.**

#### Precautionary Statements

Keep container tightly closed. Avoid contact with eyes, skin and clothing. Wash affected areas thoroughly after handling. May cause irritation to mouth, throat and stomach. Contaminated work clothing should not be allowed out of the workplace. Wear chemical-splash goggles and chemical-resistant gloves. IF SWALLOWED: Call a Poison Center or doctor/physician if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice or attention. 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 for at least 15 minutes. If eye irritation persists: Get medical advice or attention. Dispose of in accordance with all federal, state and local applicable regulations.

Health hazards not otherwise classified (HHNOC) - Not applicable

Physical hazards not otherwise classified (PHNOC) - Not applicable

#### Classification for the diluted product 1:12

Skin sensitization Category 1

Signal word:

Warning.

**Hazard and Precautionary Statements****MAY CAUSE AN ALLERGIC SKIN REACTION.**

Keep container tightly closed. Avoid breathing spray. Contaminated work clothing should not be allowed out of the workplace. Wear chemical-resistant gloves. IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice or attention. Wash contaminated clothing before reuse. Dispose of in accordance with all federal, state and local applicable regulations.

**3. COMPOSITION/INFORMATION ON INGREDIENTS****Classified Ingredients**

| Ingredient(s)                           | CAS #      | Weight % |
|-----------------------------------------|------------|----------|
| Orange oil                              | 8008-57-9  | 1 - 5%   |
| Isopropylamine dodecylbenzene sulfonate | 26264-05-1 | 1 - 5%   |
| Hydrogen peroxide                       | 7722-84-1  | 1 - 5%   |
| Alcohol, C12-C15, ethoxylated           | 68131-39-5 | 1 - 5%   |

**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. If eye irritation persists: Get medical advice/attention.

**Skin:** IF ON SKIN: Wash with plenty of soap and water. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water for at least 15 minutes. If skin irritation or rash occurs: Get medical advice/attention.

**Inhalation:** No specific first aid measures are required.

**Ingestion:** IF SWALLOWED: Call a Poison Center (1-800-851-7145) or doctor/physician if you feel unwell.

**Most Important Symptoms/Effects:** No information available.

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

**Diluted Product:**

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

**Skin:** IF ON SKIN: Wash with plenty of soap and water IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water for at least 15 minutes. If skin irritation or rash occurs: Get medical advice/attention Wash contaminated clothing before reuse

**Inhalation:** No specific first aid measures are required

**Ingestion:** IF SWALLOWED: Call a Poison Center (1-800-851-7145) or doctor/physician if you feel unwell.

**5. FIRE-FIGHTING MEASURES****Specific methods:**

No special methods required

**Suitable extinguishing media:**

The product is not flammable. Extinguish fire using agent suitable for surrounding fire.

**Specific hazards:**

None known.

**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:** No information available.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions:**

Put on appropriate personal protective equipment (see Section 8.).

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

Clean-up methods - large spillage. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.

**7. HANDLING AND STORAGE**

**Handling:** Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not taste or swallow. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. Avoid breathing vapors or mists. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. Contaminated work clothing must not be allowed out of the workplace. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

**Storage:** Keep tightly closed in a dry, cool and well-ventilated place.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Exposure Guidelines:**

| Ingredient(s)     | ACGIH       | OSHA                                       |
|-------------------|-------------|--------------------------------------------|
| Hydrogen peroxide | 1 ppm (TWA) | 1 ppm (TWA)<br>1.4 mg/m <sup>3</sup> (TWA) |

**Undiluted Product:****Engineering measures to reduce exposure:**

Good general ventilation should be sufficient to control airborne levels.

**Personal Protective Equipment**

It is the responsibility of the employer to determine the potential risk of exposure to hazardous chemicals for employees in the workplace in order to determine the necessity, selection, and use of personal protective equipment.

|                                  |                                                                                                                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye protection:</b>           | Chemical-splash goggles.                                                                                                                                                                                          |
| <b>Hand protection:</b>          | Chemical-resistant gloves.                                                                                                                                                                                        |
| <b>Skin and body protection:</b> | No personal protective equipment required under normal use conditions.                                                                                                                                            |
| <b>Respiratory protection:</b>   | No personal protective equipment required under normal use conditions. If aerosols, mists, or vapors are not adequately controlled by ventilation, use appropriate respiratory protection to avoid over-exposure. |
| <b>Hygiene measures:</b>         | 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.

**Personal Protective Equipment**

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| <b>Eye protection:</b>           | No personal protective equipment required under normal use conditions. |
| <b>Hand protection:</b>          | Chemical-resistant gloves.                                             |
| <b>Skin and body protection:</b> | No personal protective equipment required under normal use conditions. |
| <b>Respiratory protection:</b>   | No personal protective equipment required under normal use conditions. |
| <b>Hygiene measures:</b>         | 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/freezing point (°C):** Not determined**Autoignition temperature:** No information available**Solubility in other solvents:** No information available**Density:** 1.005 Kg/L**Bulk density:** No information available**Flash point (°F):** > 200 °F > 93 °C**Kinematic viscosity** No information available**VOC:** 0 % \***Flammability (Solid or Gas):** Not applicable**Sustained combustion:** Not applicable**Explosion limits:** - upper: Not determined - lower: Not determined**Color:** Clear , Light Colorless Yellow**Odor:** Product specific**Boiling point/range:** Not determined**Decomposition temperature:** Not determined**Solubility:** Completely Soluble**Relative Density (relative to water):** 1.01**Vapor density:** No information available**Vapor pressure:** No information available.**Partition coefficient (n-octanol/water):** No information available**Elemental Phosphorus:** 0.00 % by wt.**pH:** 4.4**Corrosion to metals:** Not corrosive to metals**Dilution pH:** ≈ 5.8**Dilution Flash Point (°F):** > 200 °F > 93.4 °C**VOC % by wt. at use dilution:** 0 %

\* - 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:** The product is stable**Possibility of hazardous reactions:** None known**Hazardous decomposition products:** None reasonably foreseeable.**Materials to avoid:** Do not mix with any other product or chemical unless specified in the use directions.**Conditions to avoid:** None known.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure:

Skin contact, Inhalation, Eye contact

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

**Skin contact:** Unlikely to be irritant in normal use.

**Eye contact:** Causes serious eye irritation. Symptoms may include pain, redness, and watering.

**Ingestion:** Symptoms may include stomach pain and nausea. May be irritating to mouth, throat and stomach.

**Inhalation:** Symptoms may include coughing and difficulty breathing. May be irritating to nose, throat, and respiratory tract.

**Sensitization:** May cause an allergic skin reaction. Symptoms may include rash, hives, itching, bumps, redness, swelling, and/or discomfort.

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

**Target Organs (RE):**

### Numerical measures of toxicity

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No information available.

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

**Bioaccumulation:** No information available.

**Mobility:** No information available.

**Other adverse effects** No information available.

## 13. DISPOSAL CONSIDERATIONS

Do not contaminate water, food, or feed by storage or disposal.

### **Waste from residues / unused products (undiluted product):**

This product, as sold, if discarded or disposed, is not a hazardous waste according to Federal regulations (40 CFR 261). 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). 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.

### **Pesticide Storage:**

Refer to product label.

### **Pesticide Disposal:**

Refer to product label.

### **Container Disposal:**

Refer to product label.

**RCRA Hazard Class (undiluted product):** Not Regulated.

**RCRA Hazard Class (diluted product):** Not Regulated.

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

## 14. TRANSPORT INFORMATION

**DOT/TDG/IMDG:** The information provided below is the full transportation classification for this product. This description does not account for the package size(s) of this product, that may fall under a quantity exception, according to the applicable transportation regulations. When shipping

dangerous goods, please consult with your internal, certified hazardous materials specialist to determine if any exceptions can be applied to your shipment.

**DOT (Ground) Bill of Lading Description:** NOT REGULATED

**IMDG (Ocean) Bill of Lading Description:** NOT REGULATED

## 15. REGULATORY INFORMATION

### International Inventories at CAS# Level

DSL

All components are listed or otherwise exempt

| Ingredient(s)                           | CAS #      | Weight % | CERCLA/SARA RQ (lbs) | Section 302 TPQ (lbs) | Section 313 |
|-----------------------------------------|------------|----------|----------------------|-----------------------|-------------|
| Orange oil                              | 8008-57-9  | 1 - 5%   |                      |                       |             |
| Isopropylamine dodecylbenzene sulfonate | 26264-05-1 | 1 - 5%   |                      |                       |             |
| Hydrogen peroxide                       | 7722-84-1  | 1 - 5%   |                      | 1000                  |             |
| Alcohol, C12-C15, ethoxylated           | 68131-39-5 | 1 - 5%   |                      |                       |             |

### Canadian Regulations

This product is a Canadian DIN registered product and is subject to certain labeling requirements for disinfectants under national regulations. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and workplace labels of non-disinfectant products by the HPR (WHMIS 2015). This SDS was prepared in accordance with the HPR (WHMIS 2015) criteria, which may result with differences between the label and SDS language.

DIN No. : 02340321

## 16. OTHER INFORMATION

### NFPA (National Fire Protection Association)

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

Health 2

Flammability 0

Instability 0

Special Hazards -

### Diluted Product:

Health 0

Flammability 0

Instability 0

Special Hazards -

Revision: 2024-07-31

Version: 01.0

Reason for revision:

Not applicable

Prepared by:

North American Regulatory Affairs

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