
1. Product and Company Identification

Identity (as used on label & list): **Decon7 Part 2**
 Product Description: Hydrogen Peroxide and Water
 Intended Use: Disinfectant, Mildewstat, Virucide, only for use when added to Decon7 Part 1

Supplier Details: Decon7 Systems LLC
 7575 E Redfield Rd Ste 235
 Scottsdale, Az 85260
 480-339-2858

Emergency Telephone
 Number (with hours of operation) 1-800-424-9300 (24/7)

2. Hazards Identification

Hazardous Classification:

Pictogram:



Signal word: Danger

Hazard Statement: Causes skin burns, can cause irreversible eye injury, harmful if swallowed or inhaled

Under conditions of intended use this product is not considered hazardous and does not pose a risk to health.

Overview; Ingredients not listed as a carcinogen by IARC, NTP, or OSHA

DOT Hazard Class: Not Applicable

Threshold Value Limit (TLV): Not Determined

Signs and Symptoms of Exposure:

Eyes Will cause irritation and inflammation characterized by redness, watering, and itching; depending on length of exposure, solution concentration and first aid measures provided.

Skin Causes skin irritation characterized by reddening. Prolonged contact with product may cause discomfort, no adverse effects expected form absorption of material through skin.

Ingestion Not expected to be a primary route of exposure, will produce gastrointestinal discomfort.

Inhalation Not expected to be a primary route of exposure, vapors or mists in unusually high concentration, in poorly ventilated areas may cause irritation of nose and throat characterized by coughing.

3. Composition/ Information on Ingredients

| Component | CAS-No. | %Wt. |
|-------------------|-----------|------|
| Hydrogen Peroxide | 7722-84-1 | 7.9 |
| Water | 7732-18-5 | 92.1 |

4. First Aid Measures

- Inhalation:** Remove to fresh air. If irritation persists, seek medical attention. If breathing has stopped, assist ventilation with a mechanical device or use rescue breathing with a pocket mask.
- Skin:** Wash skin with soap and water. Seek medical attention if irritation occurs and persists.
- Eyes:** Immediately flush with water for 15 minutes, lifting upper and lower lids intermittently. If eye irritation persists, seek medical attention.
- Ingestion:** If swallowed, get immediate medical attention or advice. If victim is conscious and able to swallow, give large amounts of water. Do not give anything by mouth to the person who is unconscious or convulsing. Do not induce vomiting unless directed by a physician.

5. Fire Fighting Measures

| | |
|----------------------------|----------------|
| Flash Point | Not Applicable |
| Auto Ignition Temperature: | Not Applicable |
| Flammable Limits | Not Applicable |
| Classification | Not Flammable |
| Extinguishing Media | Water |

Special Fire Fighting Procedures: NFPA Code: Health 1, Fire 0, Reactivity 1, Special OX

Use water spray to cool fire-exposed surfaces to prevent over-pressure of containers and to protect personnel. Use air-supplied breathing equipment for enclosed areas.

Product is non-combustible. On decomposition from excessive heat it will release oxygen which may intensify fire.

6. Accidental Release Measures

- Containment Procedures** Stop flow of material if without risk. Dike spill with inert material and dilute with water. Hold until Hydrogen Peroxide decomposes. Block any potential routes to water systems, sewers, streams, lakes, etc.
- Clean-Up Procedures** Wear appropriate protective equipment and clothing. Combustible materials exposed to Decon7 Part 2 should be rinsed with water to remove Hydrogen Peroxide. Keep unnecessary personnel away.
- Evacuation Procedures**

7. Handling and Storage

- Handling Procedures** Avoid contact with skin and eyes. Observe good industrial hygiene practices and wash thoroughly after handling.
- Technical Measures** Work practices should minimize contact. Decon7 Part 2 should be stored in vented containers. Avoid excessive heat and contamination. Contamination may cause decomposition and generation of Oxygen gas that may overpressure container. Do not return unused Decon7 Part 2 to original container. Utensils for handling Decon7 Part 2 should only be made of glass, stainless steel, aluminum, or plastic.
- Technical Precautions** Local exhaust is normally not required unless the process produces a mist.
- Storage Procedures** Store in closed vented original container, in well ventilated place, out of direct sunlight, away from combustibles. Prevent from freezing. If frozen, move to warm area.

8. Exposure Controls/ Personal Protection

Ventilation Engineering

Ventilation should effectively remove and prevent any buildup of

any vapor or mist generated from the use of this product

Personal Protection Equipment (PPE)

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| Respiratory Protection: | If ventilation is not sufficient to effectively prevent buildup of aerosols or vapors, appropriate NIOSH/MSHA rated self-contained breathing apparatus should be used. Do not use a mask containing oxidizable elements. |
| Skin Protection: | Use Impervious gloves. Use of impervious apron and boots (neoprene, nitrile, pvc) are recommended. |
| Eye/Face Protection: | Wear safety glasses, chemical goggles or a full face shield. |
| Other Protective Clothing / Equipment: | Avoid exposure of cotton and leather clothing and footwear to this product. If exposed rinse well before allowing to dry. |

9. Physical and Chemical Properties

| | |
|--|--|
| Physical State | Liquid |
| Appearance and Color | water white liquid |
| Boiling Point | 216 ^o F, 102 ^o C |
| Odor | odorless |
| Vapor Pressure @30 ^o C (mmHg) | 31 |
| Vapor Density (air= 1) less than | equivalent to water |
| Solubility in Water | Complete |
| Specific Gravity (H ₂ O= 1) | 1.06 |
| Burning Properties | Not applicable |
| Flammability | Not Flammable |
| Explosive Properties | Not Explosive |
| Flashpoint | Not applicable |
| Auto-ignition temperature | Not applicable |
| pH of Product | 2.5-3.5 |
| Evaporation Rate (Butyl Acetate= 1) | < 1 |
| Viscosity | ≈ water |

10. Stability and Reactivity

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|---|---|
| Chemical Stability: | This is a chemically stable material. Excessive heat or contamination could cause product to become unstable. |
| Conditions to Avoid: | Excessive heat or contamination |
| Materials to Avoid: | Reducing agents, iron, copper alloys |
| Hazardous Decomposition or Byproducts: | Oxygen which will support combustion. |
| Hazardous Polymerization | Will not occur. |

11. Toxicological Information

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|-----------|--|
| Eyes | Will cause irritation and conjunctivitis depending on length of exposure, solution concentration and first aid measures provided. |
| Skin | Prolonged contact with product may cause discomfort, no adverse effects expected from absorption of material through skin |
| Ingestion | Not expected to be a primary route of exposure. Rat oral LD ₅₀ (of mixed Part 1@49%, Part 2@49%, Part 3@2%) is greater than 5000milligrams/kilogram of body weight. Rat oral LD ₅₀ of Part 2 alone is greater than 5000milligrams/kilogram of body weight. |

Inhalation Vapors or mists in unusually high concentration, in poorly ventilated areas may cause irritation of nose and throat.

Carcinogenicity: NTP: No IARC Monographs: No OSHA Regulated: No

12. Ecological Information

The product is not expected to be hazardous to the environment.

Mobility: This product is soluble in water and will spread in water systems

Degradability: The rate of degradation has ranges from 8 hr. to 20 days in water, 10 – 20 hours in air, and minutes to hours in soil depending upon microbiological activity and metals content.

13. Disposal Considerations

Waste Material Disposal of in accordance with Local, State and Provincial Environmental Regulations. May be diluted, allowing time for decomposition and discharged to suitable treatment system.

Treat container as residue.

14. Transport Information

Not Regulated

15. Regulatory Information

DOT Hazard Class: Not regulated

EPA Hazardous Substances: None

SARA 311/312 Hazards: Immediate (Acute) Health Hazard, Fire
TPQ None

SARA Title III: none

Governmental Inventory Status: All components comply with TSCA, DSL, AICS, NZIoC, ENCS, KECl, PICCS and IECSC.

16. OTHER INFORMATION

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|---------------|---------------|-------------|-------------------|-------------------------|
| US NFPA Codes | Health | Fire | Reactivity | Special OX |
| | 1 | 0 | 1 | |
| HMIS Codes | Health | Fire | Reactivity | PPE Section 8 |
| | 1 | 0 | 1 | |

The information on this SDS reflects the latest information that we have on hazards, properties, and handling of this product under recommended conditions of use. This company believes this information to be accurate and reliable however, the accuracy and completeness is not guaranteed.