1. Product and Company Identification

Identity (as used on label & list):	**D7 Part 2**
Product Description:	Hydrogen Peroxide (less than 8%) and Water
Intended Use:	Disinfectant, Mildewstat, Virucide, only for use when added to Decon7 Part 1
Supplier Details:	Decon7 Systems LLC 8541 E Anderson Dr, Suite 106 Scottsdale, Az 85255 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

Evacuation Procedures unnecessary personnel away.

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)

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, nirile, 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_2O= 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

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

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 form 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

IATA/ICAO:Hydrogen peroxide of a concentration of less than 8 percent by weight is not subject to any transport regulations.

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, KECI, PICCS and IECSC.

16. OTHER INFORMATION

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

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.