



# SAFETY DATA SHEET.

Issuing date 8-May-2019

Revision Date 28-Apr-2020

Version 1.06

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

Product name D7 PART 2

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

Product code A-0266

Synonyms None

### Supplier's details

Recommended Use Cleaning product.  
Uses advised against No information available

Manufactured For:  
Decon7 Systems, LLC  
8541 E. Anderson Dr. #106  
Scottsdale, Az 85255

### Emergency telephone number

Chemical Emergency Phone Number Chemtrec 1-800-424-9300 CCN681371

Company Emergency Phone Number 480-339-2860


**2. HAZARDS IDENTIFICATION**

**Classification**

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A

**GHS Label elements, including precautionary statements**

**Emergency Overview**

<b>WARNING</b>		
<b>Hazard Statements</b> Causes skin irritation Causes serious eye irritation		
		
<b>Appearance</b> Clear	<b>Physical state</b> Liquid	<b>Odor</b> Mild

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling

Wear protective gloves/eye protection/face protection.

**Precautionary Statements - Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention IF ON SKIN: Wash with plenty of soap and water.

If skin irritation occurs: Get medical advice/attention

Take off contaminated clothing and wash before reuse

**Hazards not otherwise classified (HNOC)**

None

**Other information**

- Harmful to aquatic life

0% of the mixture consists of ingredient(s) of unknown toxicity

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

## PART 2 PEROXIDE

Chemical Name	CAS-No	Weight %*
HYDROGEN PEROXIDE	7722-84-1	7.98

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

A-0266 -

### 4. FIRST AID MEASURES

#### First aid measures for different exposure routes

<b>General advice</b>	Avoid contact with eyes, skin, and clothing. Avoid breathing, vapors, mist, or gas.
<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water. If symptoms persist, call a physician.
<b>Inhalation</b>	Move to fresh air. Get medical attention immediately if symptoms occur. If not breathing, give artificial respiration. If breathing has stopped, contact emergency medical services immediately.
<b>Ingestion</b>	Do NOT induce vomiting. Call a physician immediately. Never give anything by mouth to an unconscious person. Risk of product entering the lungs on vomiting after ingestion.

#### Most important symptoms/effects, acute and delayed

**Main Symptoms** Suspected of damaging fertility or the unborn child.

#### Indication of immediate medical attention and special treatment needed, if necessary

**Notes to physician** Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Water fog. Dry chemical. Carbon dioxide (CO<sub>2</sub>). Cool containers/tanks with water spray.

**Unsuitable Extinguishing Media** Do not use a solid water stream as it may scatter and spread fire.

#### Specific hazards arising from the chemical

In the event of fire, cool tanks with water spray.

#### Explosion Data

**Sensitivity to Mechanical Impact** none.

**Sensitivity to Static Discharge** Yes.

#### Protective Equipment and Precautions for Firefighters

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

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Use with adequate ventilation to keep the exposure levels below the OELS.

## A-0266 - PART 2 PEROXIDE

### Environmental precautions

**Environmental precautions** Report spills as required by local and federal regulations.

### Methods and materials for containment and cleaning up

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Contain liquid and collect with an inter,non-combustible material.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling** Avoid contact with eyes and skin. Avoid breathing vapors or mists. Use with adequate ventilation. Keep container away from heat, flames, and all other sources of ignition. Do not lay on its side. Store in a cool place.

### Conditions for safe storage, including any incompatibilities

**Technical measures/Storage** Keep containers tightly closed in a dry, cool and well-ventilated place. **conditions**

**Incompatible products** None known based on information supplied.

**Aerosol Level** 1

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
HYDROGEN PEROXIDE 7722-84-1	TWA: 1 ppm	TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup> (vacated) TWA: 1 ppm (vacated) TWA: 1.4 mg/m <sup>3</sup>	IDLH: 75 ppm TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup>

ACGIH: (American Conference of Governmental Industrial Hygienists)

OSHA: (Occupational Safety & Health Administration)

NIOSH IDLH: Immediately Dangerous to Life or Health

**Other Exposure Guidelines** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

### Exposure controls

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems.

### Individual protection measures, such as personal protective equipment

**Eye/Face Protection** Safety glasses with side-shields.

**Skin and body protection** Chemical resistant apron. Protective gloves.

**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene measures** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and chemical properties

## PART 2 PEROXIDE

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<b>Physical state</b>	Liquid		
<b>Appearance</b>	Clear	<b>Odor</b>	Mild
<b>Color</b>	Clear	<b>Odor Threshold</b>	No information available

**A-0266 - PART 2 PEROXIDE**

<u>Property</u>	<u>Values</u>	<u>Remarks • Methods</u>
pH	No information available	
Melting/freezing point	No information available	
Boiling point/boiling range	100 °C / 200 °F	
Flash Point	No information available	
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limits in Air		
upper flammability limit	No information available	
lower flammability limit	No information available	
Vapor pressure	No information available	
Vapor density	No information available	
Specific Gravity	1.029	
Water solubility	Completely soluble	
Partition coefficient: n-octanol/water	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Viscosity	No information available	
Explosive properties	No information available	

Other information

VOC Content(%) 0

**10. STABILITY AND REACTIVITY**

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to Avoid

Extremes of temperature and direct sunlight.

Incompatible Materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION**

Information on likely routes of exposure

**Product Information** Product does not present an acute toxicity hazard based on known information

**Inhalation** May cause irritation of respiratory tract.

**Eye contact** Irritating to eyes.

**Skin contact** Irritating to skin.

**Ingestion** Not acutely toxic. Aspiration into the lungs during swallowing may be harmful.

**Component Information**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation

**A-0266 - PART 2 PEROXIDE**

HYDROGEN PEROXIDE 7722-84-1	= 801 mg/kg ( Rat )	= 2000 mg/kg ( Rabbit ) = 4060 mg/kg ( Rat )	= 2 g/m <sup>3</sup> ( Rat ) 4 h
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**Information on toxicological effects**

**Symptoms** Symptoms of overexposure may cause irritation to eyes and skin. Not acutely toxic.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation** Irritating to skin.  
**Eye damage/irritation** Irritating to eyes.  
**Sensitization** No information available.  
**Germ Cell Mutagenicity** No information available.  
**Carcinogenicity** The table below indicates whether each agency has evaluated a listed ingredient as a carcinogen. There are no known carcinogenic chemicals in this product.

Chemical Name	ACGIH	IARC	NTP	OSHA
HYDROGEN PEROXIDE 7722-84-1	A3	Group 3	-	-

**ACGIH: (American Conference of Governmental Industrial Hygienists)**

A3 - Animal Carcinogen

**IARC: (International Agency for Research on Cancer)**

Group 3 - Not Classifiable as to Carcinogenicity in Humans

**Reproductive toxicity** The ingredients are not reproductive hazards.  
**Specific target organ systemic toxicity (single exposure)** No information available.  
**Specific target organ systemic toxicity (repeated exposure)** No information available.  
**Chronic toxicity** Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization of susceptible persons.  
**Target Organ Effects** Eyes, Respiratory system, Skin, Central nervous system, Peripheral Nervous System (PNS), Kidney.

**Aspiration hazard** No information available.

**Numerical measures of toxicity - Product Information**

**Unknown Acute Toxicity** 0% of the mixture consists of ingredient(s) of unknown toxicity **The following values are calculated based on chapter 3.1 of the GHS document .**

**ATEmix (oral)** 96828 mg/kg  
**ATEmix (dermal)** 38731 mg/kg  
**ATEmix (inhalation-dust/mist)** 564.8 mg/l  
**ATEmix (inhalation-vapor)** 314840 mg/l

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
HYDROGEN PEROXIDE 7722-84-1	-	10.0 - 32.0 mg/L LC50 Oncorhynchus mykiss 96h static 18 - 56 mg/L LC50 Lepomis macrochirus 96h static 16.4 mg/L LC50 Pimephales promelas 96h	-	18 - 32 mg/L EC50 Daphnia magna 48h Static

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

**A-0266 - PART 2 PEROXIDE****Other adverse effects** No information available**13. DISPOSAL CONSIDERATIONS****Waste treatment**

**Waste Disposal Methods** Dispose of in accordance with federal, state, and local regulations.  
**Contaminated packaging** Do not re-use empty containers.

**14. TRANSPORT INFORMATION**

**DOT Ground** NOT REGULATED  
**IATA** NOT REGULATED  
**IMDG** NOT REGULATED

**15. REGULATORY INFORMATION****International Inventories**

Chemical Name	TSCA	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS
HYDROGEN PEROXIDE	X	X	X	X	X	X	X	X

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**CHINA** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

**U.S. Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

**SARA 311/312 Hazard Categories**

**Acute Health Hazard** Yes  
**Chronic Health Hazard** no  
**Fire Hazard** no  
**Sudden Release of Pressure Hazard** Yes



**A-0266 - PART 2 PEROXIDE**

<b>Reactive Hazard</b>	no
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**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302): This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
HYDROGEN PEROXIDE 7722-84-1		1000 lb	

**U.S. State Regulations****California Proposition 65**

No warning required.

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
HYDROGEN PEROXIDE 7722-84-1	X	X	X

EPA Pesticide Registration Number Not applicable

**Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION				
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<b>NFPA</b>	Health Hazard 2	Flammability 0	Instability 0	Physical and chemical hazards -
<b>HMIS</b>	Health Hazard 2	Flammability 0	Physical Hazard 0	Personal protection B
Prepared By	Regulatory Affairs			

Issuing date 21-Jul-2015

Revision Date 28-Apr-2020

**Revision Note**

No information available

**Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information

**A-0266 - PART 2 PEROXIDE**

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relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of Safety Data Sheet**