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# DECON-SPORE 200 Plus<sup>®</sup>

**Sterile Pharmaceutical Clean Room Formula**  
**Peracetic Acid and Hydrogen Peroxide**

## **MATERIAL SAFETY DATA SHEET**

**COMPLIES WITH OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200**  
**(Complies with Commission Directive 91/155/EEC amended by 2001/58/EC)**



**Veltek Associates, Inc.**

**15 Lee Boulevard Malvern, PA 19**

**Tel: (610) 644-8335 Fax: (610) 644-8336 [www.sterile.com](http://www.sterile.com)**

**DECON-SPORE<sup>®</sup> 200 Plus****MATERIAL SAFETY DATA SHEET****COMPLIES WITH OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200****(Complies with Commission Directive 91/155/EEC amended by 2001/58/EC)****I. Identification of Substance:**Product Name: DECON-SPORE<sup>®</sup> 200 Plus

MSDS #: DS200-0397-01-01

Description: Peracetic Acid and Hydrogen Peroxide Mixture

<u>MSDS Information</u>	<u>Manufacturer Information</u>	<u>Emergency Telephone Information</u>
Date Prepared: January 16, 2003		Notify your Supervisor
<b>Prepared by:</b>	15 Lee Boulevard	Emergencies Chemtrec (800) 424-9300
Art Vellutato, Jr.	Malvern, PA 19355-1234	24-hour service
V.P. Technical Support Operations	TEL: (610) 644-8335	
<b>Reviewed by:</b>		Effective Date: January 16, 2003
Art Vellutato, Sr.		Date Supercedes: 10/06/02
Technical Director		

**II. Composition/Data on Components:**

	(mg/m <sup>3</sup> )		
	%	PEL	Other
2.1 Acetic Acid 64-19-7	8.0	25.0	*
	*(ACGIH STEL = 37 mg/m <sup>3</sup> )		
2.2 Hydrogen Peroxide 7722-84-1	27.5	1.4	1.4
2.3 Peroxyacetic acid 79-21-0	5.8	None	*
	* (PEL for acetic acid = 25 mg/m <sup>3</sup> : ACGIH STEL = 37 mg/m <sup>3</sup> )		

UNK = Unknown at this time

STEL = 15 Minute Average

PEL = OSHA 8 Hour Average

C = Ceiling Limit Do Not Exceed**Veltek Associates, Inc.**

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**III. Hazards Identification:**

CONCENTRATE:

**Respiratory:** Avoid breathing mists or vapors of this product.

**Skin:** Rubber gloves - protective cuff or gauntlet type preferred.

**Eyes:** Use chemical splash goggles. For continued or severe exposure wear a face shield over the goggles.

USE SOLUTIONS prepared according to the label instruction are not considered hazardous according to criteria of 29 CFR 1910.1200.

**IV. First Aid Measures:**

Effects of Overexposure to Concentrate:

**Skin and Eyes:** Causes severe eye damage and chemical burns

**If Swallowed:** HARMFUL OR FATAL. Causes chemical burns of the mouth, throat and stomach.

**If Inhaled:** Vapors or mist causes irritation, including a burning taste, sneezing, coughing and difficulty breathing. People with asthma or lung problems may be more effected.

**Eyes:** Immediately flush with plenty of cool running water. Remove contact lenses. Continue flushing for at least 15 minutes, holding eyelids apart to ensure rinsing of the entire eye. CALL A PHYSICIAN IMMEDIATELY.

**Skin:** Immediately flush skin with plenty of cool running water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

**If Swallowed:** Rinse mouth at once then drink 1 or 2 large glasses of water or milk. DO NOT induce vomiting. NEVER give anything by mouth to an unconscious person.

**If Inhaled:** Immediately move to fresh air. IMMEDIATELY CONTACT A POISON CONTROL CENTER, A PHYSICIAN

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## V. Firefighting Measures:

Special Fire Hazards: Product decomposes and will release oxygen thereby adding to the hazard of a fire. Product should be kept cool and in a vented container to avoid explosion hazards.

Fire Fighting Methods: Use a water spray

## VI. Accidental Release Measures:

Rinse small amounts to drain where possible. Dike or dam large spills pump to containers or soak up on inert absorbent. Flush residue to sanitary sewer rinse area thoroughly.

## VII. Handling and Storage:

Product bottles incorporate a vented cap. Stand bottle upright. DO NOT INVERT BOTTLES.

Do not store above 90 degrees F or below 40 degrees F.

## VIII. Exposure Control and Personal Protection:

**Respiratory:** Avoid breathing mists or vapors of this product.

**Skin:** Rubber gloves - protective cuff or gauntlet type preferred.

**Eyes:** Use chemical splash goggles. For continued or severe exposure wear a face shield over the goggles.

USE SOLUTIONS prepared according to the label instruction are not considered hazardous according to criteria of 29 CFR 1910.1200.

## IX. Physical and Chemical Properties:

Appearance: Colorless/sharp pungent odor

Solubility in water: Complete

pH: 2.5 (1%)

Initial Boiling Point: 200°F

Specific Gravity: 1.12

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## **X. Stability and Reactivity:**

Stability: Stable under normal condition of handling

Conditions to Avoid: Do not mix with anything but water. Keep away from any organic material as rapid decomposition may occur.

## **XI. Toxicological Information:**

The oral LD50 value with 95% Confidence Limits is 1.27 g/kg in male and female Sprague Dawley rats.

The test material is classified in EPA Toxicity Category III by oral administration.

## **XII. Ecological Information:**

Consult local authorities pertaining to the release of material to the environment.

## **XIII. Disposal Considerations:**

Water Disposal: Consult state and local authorities for restrictions on disposal of chemical waste. Unused product as a waste is Corrosive (D002) by RCRA criteria.

## **XIV. Transport Information:**

Proper DOT Ship Name: Organic Peroxide, Type F, Liquid (Peroxyacetic Acid, Type F, Stabilized)

NOS Technical Name: Hydrogen Peroxide and Peracetic Acid Mixture

Class: 5.2

DOT Identification: UN 3109

Packing Group: II

## **XV. Regulations:**

FEDERAL LEVEL REGULATIONS:

This is an EPA registered pesticide (EPA Registration No. 1677-129-068959).

This product may only be used in the specific applications listed on the EPA approved label.

TOXIC SUBSTANCES CONTROL ACT (TSCA INVENTORY) STATUS:

Found on U.S. EPA TSCA inventory.

CERCLA (Comprehensive Environmental Response, Compensation and Liability Act of 1980) requires notification of the National Response Center

(Telephone 1-800-424-8802) in the event of a release of quantities of the following hazardous materials contained in this product, if the release is equal to or greater than the Reportable Quantities (RQs) listed in 40 CFR 302.4:

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## XVI. Other Information:

**KEEP OUT OF REACH OF CHILDREN**

**The above information is believed to be correct with respect to the formula used to manufacture the product. As data, standards and regulations change, and conditions of use are beyond our control, NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS PRODUCT.**

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