



VELTEK ASSOCIATES, INC.

# DECON-SPORE 200 Plus Disinfectant

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 09/21/2012

Revision date: 03/02/2017

Supersedes: 09/17/2015

Version: 4.0

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
Product name : DECON-SPORE 200 Plus Disinfectant  
Product code : SDS VEL-029

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use : Disinfectant  
Restrictions on use : For professional use only

#### 1.3. Details of the supplier of the safety data sheet

Veltek Associates, Inc.  
15 Lee Blvd  
Malvern, PA 19355-1234 USA  
T +1 610-644-8335 - F +1 610-644-8336  
vai@sterile.com

In Canada Distributed by:

CCR  
200 Terence Matthews  
Kanata, ONT K2M 2C6  
Telephone: 613-591-0044

#### 1.4. Emergency telephone number

Emergency number : CARECHEM 24 call: 1-866-928-0789

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS-US classification

Not classified

#### 2.2. Label elements

##### GHS-US labeling

No labeling applicable

#### 2.3. Other hazards

No additional information available

#### 2.4. Unknown acute toxicity (GHS US)

Not applicable

### SECTION 3: Composition/Information on ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

| Name              | Product identifier | %         | GHS-US classification                                                                                                                                           |
|-------------------|--------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hydrogen peroxide | (CAS No) 7722-84-1 | 0.1 - < 1 | Ox. Liq. 1, H271<br>Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Inhalation), H332<br>Skin Corr. 1A, H314<br>STOT SE 3, H335                                      |
| Acetic acid       | (CAS No) 64-19-7   | 0.1 - < 1 | Flam. Liq. 3, H226<br>Skin Corr. 1A, H314                                                                                                                       |
| Peracetic acid    | (CAS No) 79-21-0   | 0.1 - < 1 | Flam. Liq. 3, H226<br>Org. Perox. D, H242<br>Acute Tox. 3 (Oral), H301<br>Acute Tox. 4 (Dermal), H312<br>Acute Tox. 4 (Inhalation), H332<br>Skin Corr. 1A, H314 |

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Full text of hazard classes and H-statements : see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- |                                       |                                                                                                                                                                             |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| First-aid measures general            | : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).                                           |
| First-aid measures after inhalation   | : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms develop obtain medical attention.                                        |
| First-aid measures after skin contact | : Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If symptoms develop, obtain medical attention.                                       |
| First-aid measures after eye contact  | : Rinse immediately with plenty of water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If symptoms develop, obtain medical attention. |
| First-aid measures after ingestion    | : Rinse mouth. Do NOT induce vomiting. If symptoms develop, obtain medical attention.                                                                                       |

#### 4.2. Most important symptoms and effects, both acute and delayed

- |                                      |                              |
|--------------------------------------|------------------------------|
| Symptoms/injuries after skin contact | : May cause skin irritation. |
| Symptoms/injuries after eye contact  | : May cause eye irritation.  |

#### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- |                                |                                                             |
|--------------------------------|-------------------------------------------------------------|
| Suitable extinguishing media   | : Use extinguishing media appropriate for surrounding fire. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.                          |

#### 5.2. Special hazards arising from the substance or mixture

- |            |                                   |
|------------|-----------------------------------|
| Reactivity | : Stable under normal conditions. |
|------------|-----------------------------------|

#### 5.3. Advice for firefighters

- |                                |                                                                                                                                                                                      |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Firefighting instructions      | : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not allow run-off from fire fighting to enter drains or water courses. |
| Protection during firefighting | : Do not enter fire area without proper protective equipment, including respiratory protection. Use self-contained breathing apparatus when in close proximity to fire.              |

### SECTION 6: Accidental release measures

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

- |                  |                            |
|------------------|----------------------------|
| General measures | : Avoid contact with eyes. |
|------------------|----------------------------|

##### 6.1.1. For non-emergency personnel

- |                      |                                   |
|----------------------|-----------------------------------|
| Emergency procedures | : Evacuate unnecessary personnel. |
|----------------------|-----------------------------------|

##### 6.1.2. For emergency responders

- |                      |                                                                                  |
|----------------------|----------------------------------------------------------------------------------|
| Protective equipment | : Equip cleanup crew with proper protection. Use chemically protective clothing. |
| Emergency procedures | : Ensure adequate ventilation.                                                   |

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

#### 6.3. Methods and material for containment and cleaning up

- |                         |                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Methods for cleaning up | : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|

#### 6.4. Reference to other sections

SECTION 8: Exposure controls/personal protection. SECTION 13: Disposal considerations.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- |                               |                                                                                                                                                                                                                        |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Precautions for safe handling | : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Do not breathe vapors. |
| Hygiene measures              | : Wash hands thoroughly after handling. Wash contaminated clothing before reuse.                                                                                                                                       |

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### 7.2. Conditions for safe storage, including any incompatibilities

|                       |                                                                                                                                                                                  |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Technical measures    | : Comply with applicable regulations.                                                                                                                                            |
| Storage conditions    | : Keep only in the original container in a cool, well ventilated place away from : Incompatible materials. Keep container tightly closed. Protect material from direct sunlight. |
| Incompatible products | : Alcohol. alkalis. Metals. Reducing agents.                                                                                                                                     |

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| Hydrogen peroxide (7722-84-1) |                        |                          |
|-------------------------------|------------------------|--------------------------|
| ACGIH                         | ACGIH TWA (ppm)        | 1 ppm                    |
| ACGIH                         | Remark (ACGIH)         | Eye, URT, & skin irr     |
| OSHA                          | OSHA PEL (TWA) (mg/m³) | 1.4 mg/m³                |
| OSHA                          | OSHA PEL (TWA) (ppm)   | 1 ppm                    |
| Acetic acid (64-19-7)         |                        |                          |
| ACGIH                         | ACGIH TWA (ppm)        | 10 ppm                   |
| ACGIH                         | ACGIH STEL (ppm)       | 15 ppm                   |
| ACGIH                         | Remark (ACGIH)         | URT & eye irr; pulm func |
| OSHA                          | OSHA PEL (TWA) (mg/m³) | 25 mg/m³                 |
| OSHA                          | OSHA PEL (TWA) (ppm)   | 10 ppm                   |

### 8.2. Exposure controls

|                                  |                                                                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Appropriate engineering controls | : Ensure adequate ventilation. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. |
| Personal protective equipment    | : Avoid all unnecessary exposure.                                                                                                                       |
| Hand protection                  | : Protective gloves.                                                                                                                                    |
| Eye protection                   | : Chemical goggles or safety glasses.                                                                                                                   |
| Skin and body protection         | : Wear suitable protective clothing.                                                                                                                    |
| Respiratory protection           | : If the occupational exposure limit is exceeded : Wear suitable respiratory equipment.                                                                 |
| Thermal hazard protection        | : Not required for normal conditions of use.                                                                                                            |
| Environmental exposure controls  | : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.                                                    |
| Other information                | : Do not eat, drink or smoke during use.                                                                                                                |

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|                                             |                     |
|---------------------------------------------|---------------------|
| Physical state                              | : Liquid            |
| Appearance                                  | : Clear.            |
| Color                                       | : Colorless         |
| Odor                                        | : Pungent           |
| Odor threshold                              | : No data available |
| pH                                          | : 2.5 - 3           |
| Melting point                               | : 32 °F (0°C)       |
| Freezing point                              | : No data available |
| Boiling point                               | : 212 °F (100°C)    |
| Flash point                                 | : Not flammable     |
| Relative evaporation rate (butyl acetate=1) | : No data available |
| Flammability (solid, gas)                   | : Not applicable    |
| Vapor pressure                              | : No data available |
| Relative vapor density at 20 °C             | : No data available |

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|                           |                                               |
|---------------------------|-----------------------------------------------|
| Relative density          | : 1.004 (68°F/20°C)                           |
| Solubility                | : Miscible.                                   |
| Log Pow                   | : No data available                           |
| Auto-ignition temperature | : Not flammable                               |
| Decomposition temperature | : No data available                           |
| Viscosity, kinematic      | : No data available                           |
| Viscosity, dynamic        | : No data available                           |
| Explosion limits          | : Not applicable                              |
| Explosive properties      | : Not explosive.                              |
| Oxidizing properties      | : Moderate oxidizer of susceptible materials. |

### 9.2. Other information

|                        |                                                                                                                                                                                |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Additional information | : This diluted product is compatible with stainless steel and aluminium surfaces. For other materials a smaller test area should be used to determine compatibility before use |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

See Section 10.5.

### 10.4. Conditions to avoid

Extremely high or low temperatures. Keep out of direct sunlight. Freezing.

### 10.5. Incompatible materials

Alcohols. Reducing agents. Metals. Metallic salts. alkalis.

### 10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide. Phosphorous oxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                |                  |
|----------------|------------------|
| Acute toxicity | : Not classified |
|----------------|------------------|

| Hydrogen peroxide (7722-84-1) |            |
|-------------------------------|------------|
| LD50 oral rat                 | 376 mg/kg  |
| LD50 dermal rat               | 4076 mg/kg |
| LC50 inhalation rat (mg/l)    | 2 mg/l/4h  |

| Acetic acid (64-19-7)      |              |
|----------------------------|--------------|
| LD50 oral rat              | 3.31 g/kg    |
| LD50 dermal rabbit         | 1060 mg/kg   |
| LC50 inhalation rat (mg/l) | 11.4 mg/l/4h |

|                                   |                                 |
|-----------------------------------|---------------------------------|
| Skin corrosion/irritation         | : Not classified<br>pH: 2.5 - 3 |
| Serious eye damage/irritation     | : Not classified<br>pH: 2.5 - 3 |
| Respiratory or skin sensitization | : Not classified                |
| Germ cell mutagenicity            | : Not classified                |
| Carcinogenicity                   | : Not classified                |

| Hydrogen peroxide (7722-84-1) |                      |
|-------------------------------|----------------------|
| IARC group                    | 3 - Not classifiable |

|                                                  |                  |
|--------------------------------------------------|------------------|
| Reproductive toxicity                            | : Not classified |
| Specific target organ toxicity (single exposure) | : Not classified |

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|                                                    |                              |
|----------------------------------------------------|------------------------------|
| Specific target organ toxicity (repeated exposure) | : Not classified             |
| Aspiration hazard                                  | : Not classified             |
| Symptoms/injuries after skin contact               | : May cause skin irritation. |
| Symptoms/injuries after eye contact                | : May cause eye irritation.  |

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - water : Not classified.

| Hydrogen peroxide (7722-84-1)  |                                                                                  |
|--------------------------------|----------------------------------------------------------------------------------|
| LC50 fish                      | 26.7 mg/l 96 Hours - Bluegill ( <i>Lepomis macrochirus</i> )                     |
| LC50 other aquatic organisms   | 155 mg/l 24 Hours - Chameleon goby ( <i>Tridentiger trigonocephalus</i> )        |
| EC50 Daphnia                   | 24 mg/l 48 Hours - Daphnia                                                       |
| LC50 fish 2                    | 89 mg/l 24 Hours - Jack Mackerel ( <i>Trachurus japonicus</i> )                  |
| LC50 other aquatic organisms 2 | 22 mg/l 96 Hours - Rainbow trout, Donaldson trout ( <i>Oncorhynchus mykiss</i> ) |
| Acetic acid (64-19-7)          |                                                                                  |
| LC50 fish                      | 75 mg/l 96 Hours - Bluegill ( <i>Lepomis macrochirus</i> )                       |
| LC50 other aquatic organisms   | 79 mg/l 96 Hours - Fathead minnow ( <i>Pimephales promelas</i> )                 |
| EC50 Daphnia                   | 65 mg/l 48 Hours - water flea ( <i>Daphnia magna</i> )                           |

#### 12.2. Persistence and degradability

| DECON-SPORE 200 Plus Disinfectant |                  |
|-----------------------------------|------------------|
| Persistence and degradability     | Not established. |

#### 12.3. Bioaccumulative potential

| DECON-SPORE 200 Plus Disinfectant |                  |
|-----------------------------------|------------------|
| Bioaccumulative potential         | Not established. |
| Acetic acid (64-19-7)             |                  |
| Log Kow                           | -0.17            |

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

|                              |                                       |
|------------------------------|---------------------------------------|
| Effect on the global warming | : No known effects from this product. |
| GWPmix comment               | : No known effects from this product. |
| Other information            | : Avoid release to the environment.   |

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

|                                |                                                                                                                                                                      |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Waste disposal recommendations | : Dispose in a safe manner in accordance with local/national regulations. Dispose of this material and its container at hazardous or special waste collection point. |
| Additional information         | : Handle empty containers with care because residual vapors are flammable.                                                                                           |
| Ecology - waste materials      | : Avoid release to the environment.                                                                                                                                  |

### SECTION 14: Transport information

#### Department of Transportation (DOT)

In accordance with DOT

|                   |                   |
|-------------------|-------------------|
| Other information | : Not classified. |
|-------------------|-------------------|

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Special transport precautions : Not applicable - This dilution of product is an on-site dilution in water by the user according to product label directions. It is not supplied nor transported in commerce at this dilution. See VEL SDS #DS200-0397-01-01 for transport information and hazards of undiluted product concentrate.

### TDG

Proper Shipping Name (TDG) : Not applicable

### Transport by sea

Proper Shipping Name (IMDG) : Not applicable

### Air transport

Proper Shipping Name (IATA) : Not applicable

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

#### Hydrogen peroxide (7722-84-1)

Listed on the United States TSCA (Toxic Substances Control Act) inventory  
Not subject to reporting requirements of the United States SARA Section 313

|           |         |
|-----------|---------|
| CERCLA RQ | 1000 lb |
|-----------|---------|

|                                                    |         |
|----------------------------------------------------|---------|
| SARA Section 302 Threshold Planning Quantity (TPQ) | 1000 lb |
|----------------------------------------------------|---------|

#### Acetic acid (64-19-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory  
Not subject to reporting requirements of the United States SARA Section 313

|           |         |
|-----------|---------|
| CERCLA RQ | 5000 lb |
|-----------|---------|

#### Peracetic acid (79-21-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory  
Subject to reporting requirements of United States SARA Section 313

|           |        |
|-----------|--------|
| CERCLA RQ | 500 lb |
|-----------|--------|

|                                                    |        |
|----------------------------------------------------|--------|
| SARA Section 302 Threshold Planning Quantity (TPQ) | 500 lb |
|----------------------------------------------------|--------|

### 15.2. International regulations

#### CANADA

#### Hydrogen peroxide (7722-84-1)

|                      |                                                                               |
|----------------------|-------------------------------------------------------------------------------|
| WHMIS Classification | Class D Division 2 Subdivision B - Toxic material causing other toxic effects |
|----------------------|-------------------------------------------------------------------------------|

#### EU-Regulations

No additional information available

#### National regulations

No additional information available

### 15.3. US State regulations

#### Hydrogen peroxide (7722-84-1)

U.S. - New Jersey - Right to Know Hazardous Substance List

#### Acetic acid (64-19-7)

U.S. - Massachusetts - Right To Know List  
U.S. - New Jersey - Right to Know Hazardous Substance List  
U.S. - Pennsylvania - RTK (Right to Know) List

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### Peracetic acid (79-21-0)

U.S. - New Jersey - Right to Know Hazardous Substance List

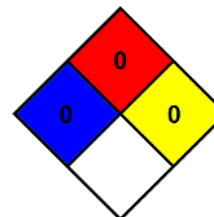
## SECTION 16: Other information

- Revision date : 03/02/2017
- Data sources : US OSHA HazCom (GHS) 25 May 2012.
- Other information : This chemical is a pesticide product registered by the United States Environmental Protection Agency (#1677-129-68959) and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is KEEP OUT OF REACH OF CHILDREN DANGER PELIGRO. The pesticide label also includes other important information, including directions for use.

Full text of H-phrases:

|      |                                              |
|------|----------------------------------------------|
| H226 | Flammable liquid and vapor                   |
| H242 | Heating may cause a fire                     |
| H271 | May cause fire or explosion; strong oxidizer |
| H301 | Toxic if swallowed                           |
| H302 | Harmful if swallowed                         |
| H312 | Harmful in contact with skin                 |
| H314 | Causes severe skin burns and eye damage      |
| H332 | Harmful if inhaled                           |
| H335 | May cause respiratory irritation             |

- NFPA health hazard : 0 - Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.
- NFPA fire hazard : 0 - Materials that will not burn.
- NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



- HMIS III Rating
- Health : 0 Minimal Hazard - No significant risk to health
- Flammability : 0 Minimal Hazard - Materials that will not burn
- Physical : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

SDS US (GHS HazCom 2012)

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