



DECON-SPORE 200 Plus Disinfectant

Safety Data Sheet

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

VELTEK ASSOCIATES, INC.

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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 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Skin Corr. 1A, H314 STOT SE 3, H335
Acetic acid	(CAS No) 64-19-7	0.1 - < 1	Flam. Liq. 3, H226 Skin Corr. 1A, H314
Peracetic acid	(CAS No) 79-21-0	0.1 - < 1	Flam. Liq. 3, H226 Org. Perox. D, H242 Acute Tox. 3 (Oral), H301 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 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.
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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.
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6.1.1. For non-emergency personnel

Emergency procedures	: Evacuate unnecessary personnel.
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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.
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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/m ³)	1.4 mg/m ³
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/m ³)	25 mg/m ³
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 pH: 2.5 - 3
Serious eye damage/irritation	: Not classified 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
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SARA Section 302 Threshold Planning Quantity (TPQ)	1000 lb
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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
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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
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SARA Section 302 Threshold Planning Quantity (TPQ)	500 lb
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15.2. International regulations

CANADA

Hydrogen peroxide (7722-84-1)

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

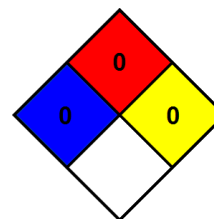
SECTION 16: Other information

- 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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