



VAI WFI QUALITY WATER AEROSOL

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Date of issue: 10/05/2011 Revision date: 02/28/2017 Supersedes: 02/09/2016 Version: 4.0

VELTEK ASSOCIATES, INC.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Product name : VAI WFI QUALITY WATER AEROSOL
SDS code : SDS VEL-028-A

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

Use of the substance/mixture : Laboratory chemicals
Industrial

1.3. Details of the supplier of the safety data sheet

Veltek Associates, Inc. In Canada Distributed by:
15 Lee Blvd CCR
Malvern, PA 19355-1234 USA 200 Terence Matthews
T +1 610-644-8335 - F +1 610-644-8336 Kanata, ONT K2M 2C6
vai@sterile.com Telephone: 613-591-0044

1.4. Emergency telephone number

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

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (GHS-US)

Aerosol 3 H229

2.2. Label elements

GHS-US labeling

Signal word (CLP) : Warning
Hazard statements (CLP) : H229 - Pressurised container: May burst if heated
Precautionary statements (CLP) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P251 - Do not pierce or burn, even after use
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable
Full text of H-phrases: see section 16

3.2. Mixture

Name	Product identifier	%	Classification (GHS-US)
Water	(CAS No) 7732-18-5	90 - 100	Not classified
Nitrogen	(CAS No) 7727-37-9	> 1	Not classified

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation : Not required for normal conditions of use. If symptoms develop obtain medical attention.
First-aid measures after skin contact : Avoid prolonged or repeated contact with skin. If symptoms develop, obtain medical attention.
First-aid measures after eye contact : Not required for normal conditions of use. If symptoms develop, obtain medical attention.

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First-aid measures after ingestion : Not required for normal conditions of use.

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

Symptoms/injuries : Not expected to present a significant hazard under anticipated conditions of normal use.

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 : None known.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Not flammable.
Explosion hazard : Containers may rupture when heated.
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. Prevent fire-fighting water from entering environment.
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 : Ensure adequate ventilation.

6.1.1. For non-emergency personnel

Emergency procedures : Isolate area.

6.1.2. For emergency responders

Protective equipment : See Section 8.
Emergency procedures : Ensure adequate ventilation.

6.2. Environmental precautions

Not normally required.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Not applicable.

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 : No special requirements. Containers may rupture when heated.
Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Keep away from heat and open flame.
Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Incompatible materials.
Incompatible products : Direct sunlight. Heat sources.

7.3. Specific end use(s)

Laboratory chemicals. Industrial use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Appropriate engineering controls : Not required for normal conditions of use.
Personal protective equipment : Not required for normal conditions of use.

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Hand protection	: Not required for normal conditions of use.
Eye protection	: Safety glasses.
Skin and body protection	: Not required for normal conditions of use.
Respiratory protection	: Not required for normal conditions of use.
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	: Direct prolonged contact with propellant can cause frostbite.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Color	: Clear. Colorless.
Odor	: odorless.
Odor threshold	: No data available
pH	: 7
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: 0 °C (32 °F)
Freezing point	: No data available
Boiling point	: 100 °C (212 °F)
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapor pressure	: Not applicable
Relative vapor density at 20 °C	: Not applicable
Relative density	: 1
Solubility	: Miscible. Water: 100 %
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: Not explosive.
Oxidizing properties	: Not oxidizing.
Explosive limits	: Not applicable

9.2. Other information

No additional information available

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

Containers may rupture when heated.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases. Oxidizing agents.

10.6. Hazardous decomposition products

None known.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Not classified
Skin corrosion/irritation	: Not classified pH: 7
Serious eye damage/irritation	: Not classified pH: 7
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified
Potential Adverse human health effects and symptoms	: May cause slight irritation to eyes.

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

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Persistence and degradability	No data available.

12.3. Bioaccumulative potential

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Bioaccumulative potential	Low bioaccumulation potential.

12.4. Mobility in soil

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Ecology - soil	No data available.

12.5. Other adverse effects

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 to hazardous or special waste collection point.
Additional information	: Handle empty containers with care.
Ecology - waste materials	: Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: Transport information

In accordance with DOT	
UN-No.(DOT)	: 1950
Proper Shipping Name (DOT)	: Aerosols
Hazard labels (DOT)	: 2.2 - Non-flammable gas



DOT Packaging Non Bulk (49 CFR 173.xxx) : None

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Additional information

Other information : Not classified.
Special transport precautions : No special precautions required.

Transport by sea

UN-No. (IMDG) : 1950
Proper Shipping Name (IMDG) : AEROSOLS
Class (IMDG) : 2 - Gases

Air transport

UN-No. (IATA) : 1950
Proper Shipping Name (IATA) : AEROSOLS
Class (IATA) : 2

SECTION 15: Regulatory information

15.1. US Federal regulations

Nitrogen (7727-37-9)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Water (7732-18-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

CANADA

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WHMIS Classification : Uncontrolled product according to WHMIS classification criteria

15.2.2. National regulations

No additional information available

15.3. US State regulations

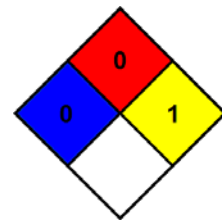
Nitrogen (7727-37-9)

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

SECTION 16: Other information

Data sources : US OSHA HazCom (GHS) 25 May 2012.

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 : 1 - Normally stable, but can become unstable at elevated temperatures and pressures or may react with water with some release of energy, but not violently.



HMIS III Rating

Health : 0 Minimal Hazard - No significant risk to health
Flammability : 0 Minimal Hazard
Physical : 1 Slight Hazard

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NCEC SDS US GHS (Hazcom 2012)

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