



# AV POWER WASH ULTRA

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations  
Date of Issue: 2/4/2021

Version: 1.0

## SECTION 1: IDENTIFICATION

### 1.1. Product Identifier

Product Form: Mixture

Product Name: AV Power Wash Ultra

### 1.2. Intended Use of the Product

Use of the Substance/Mixture: For professional use only.

### 1.3. Name, Address, and Telephone of the Responsible Party

#### Company

Anderson & Vreeland, Inc.  
15348 US Highway 127 EW  
Bryan, OH 43506  
www.andersonvreeland.com

### 1.4. Emergency Telephone Number

Emergency Number : ChemTel LLC- (800) 255-3924 (North America)  
+1 (813) 248-0585 (International)

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the Substance or Mixture

#### GHS-US Classification

SKIN CORROSION/IRRITATION - Category 2  
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1

### 2.2. Label Elements

#### GHS-US Labeling

Hazard Pictograms (GHS-US) :



Signal Word (GHS-US) : Danger  
Hazard Statements (GHS-US) : H319 - Causes serious eye irritation.  
H315 - Causes skin irritation.

Precautionary Statements (GHS-US) : P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.  
P280 - Wear protective gloves, protective clothing, and eye protection.  
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 - If eye irritation persists: Get medical advice/attention.  
P370+P378 - In case of fire: Use appropriate media (see section 5) to extinguish.  
P403+P235 - Store in a well-ventilated place. Keep cool.  
P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

### 2.3. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

### 2.4. Unknown Acute Toxicity (GHS-US)

No data available

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substance

Not applicable

### 3.2. Mixture

Name	Product Identifier	%
2-Butoxyethanol	(CAS-No.) 111-76-2	< 25%
2-aminoethanol	(CAS-No.) 141-43-5	< 10%
Proprietary Component 1	(CAS-No.) Proprietary	< 15
Proprietary Component 2	(CAS-No.) Proprietary	2

The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret [29 CFR 1910.1200].

## 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:** When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

**First-aid Measures After Skin Contact:** Immediately drench affected area with water for at least 15 minutes. Immediately remove contaminated clothing. Obtain medical attention if irritation develops or persists.

**First-aid Measures After Eye Contact:** Immediately rinse with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.

**First-aid Measures After Ingestion:** Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

### 4.2. Most Important Symptoms and Effects Both Acute and Delayed

**Symptoms/Injuries:** Causes serious eye irritation.

**Symptoms/Injuries After Inhalation:** Prolonged exposure may cause irritation.

**Symptoms/Injuries After Skin Contact:** Prolonged exposure may cause skin irritation.

**Symptoms/Injuries After Eye Contact:** Contact causes severe irritation with redness and swelling of the conjunctiva.

**Symptoms/Injuries After Ingestion:** Ingestion may cause adverse effects.

**Chronic Symptoms:** None known.

### 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing Media

**Suitable Extinguishing Media:** Use an extinguishing agent suitable for the surrounding fire.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. A heavy water stream may spread burning liquid.

### 5.2. Special Hazards Arising From the Substance or Mixture

In a fire or if heated, a pressure increase will occur and the container may burst.

Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides.

### 5.3. Advice for Firefighters

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Avoid all contact with skin, eyes, or clothing. Avoid breathing (vapor, mist, spray). Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Use special care to avoid static electric charges.

#### 6.1.1. For Non-Emergency Personnel

**Protective Equipment:** Use appropriate personal protective equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel. Stop leak if safe to do so.

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## 6.1.2. For Emergency Personnel

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

## 6.2. Environmental Precautions

Prevent entry to sewers and public waters.

## 6.3. Methods and Materials for Containment and Cleaning Up

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill or leak area in all directions.

**Methods for Cleaning Up:** Eliminate all ignition sources. Clean up spills immediately and dispose of waste safely. Absorb and/or contain spill with inert material. Do not take up in combustible material such as: saw dust or cellulosic material. Use only non-sparking tools. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

## 6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for Safe Handling

**Precautions for Safe Handling:** Avoid contact with skin, eyes and clothing. Avoid breathing vapors, mist, spray. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures.

#### 7.2. Conditions for Safe Storage, Including Any Incompatibilities

**Storage Conditions:** Store in accordance with local regulations. Store in a dry, cool place. Store in a well-ventilated place. Keep container tightly closed. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Use appropriate containment to avoid environmental contamination.

### 7.3. Specific End Use(s)

For professional use only.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), or OSHA (PEL).

**2-Butoxyethanol** - OSHA PEL 1989 (1989-03-01) PEL: Permissible Exposure Level 120 mg/m<sup>3</sup> 25 ppm OSHA PEL (1993-06-30) PEL: Permissible Exposure Level 240 mg/m<sup>3</sup> 50 ppm NIOSH REL (1994-06-01) Time Weighted Average (TWA) 24 mg/m<sup>3</sup> 5 ppm ACGIH TLV (2003-01-01) TLV-TWA: Threshold Limit Value - Time weighted average PEL: Permissible Exposure Level 20 ppm

**2-aminoethanol** - OSHA PEL 1989 (1989-03-01) PEL: Permissible Exposure Level 8 mg/m<sup>3</sup> 3 ppm Short Term Exposure Limit 15 mg/m<sup>3</sup> 6 ppm OSHA PEL (1993-06-30) PEL: Permissible Exposure Level 6 mg/m<sup>3</sup> 3 ppm NIOSH REL (1994-06-01) Time Weighted Average (TWA) 8 mg/m<sup>3</sup> 3 ppm Short Term Exposure Limit 15 mg/m<sup>3</sup> 6 ppm ACGIH TLV (1994-09-01) TLV-TWA: Threshold Limit Value - Time weighted average PEL: Permissible Exposure Level 7.5 mg/m<sup>3</sup> 3 ppm TLV-STEL: Threshold Limit Value - Short Time Exposure Level 15 mg/m<sup>3</sup> 6 ppm

### 8.2. Exposure Controls

#### Appropriate Engineering Controls

: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Gas detectors should be used when flammable gases or vapors may be released. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Ensure all national/local regulations are observed.

#### Personal Protective Equipment

: Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.



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<b>Materials for Protective Clothing</b>	: Chemically resistant materials and fabrics. Wear fire/flame resistant/retardant clothing.
<b>Hand Protection</b>	: Wear protective gloves.
<b>Eye and Face Protection</b>	: Chemical safety goggles.
<b>Skin and Body Protection</b>	: Wear suitable protective clothing.
<b>Respiratory Protection</b>	: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.
<b>Other Information</b>	: When using, do not eat, drink or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic Physical and Chemical Properties

<b>Physical State</b>	: Liquid
<b>Appearance</b>	: Clear to Amber
<b>Odor</b>	: Characteristic
<b>Odor Threshold</b>	: No data available
<b>pH</b>	: 11-13
<b>Evaporation Rate</b>	: No data available
<b>Melting Point</b>	: No data available
<b>Freezing Point</b>	: No data available
<b>Boiling Point</b>	: No data available
<b>Flash Point</b>	: No data available
<b>Auto-ignition Temperature</b>	: No data available
<b>Decomposition Temperature</b>	: No data available
<b>Flammability (solid, gas)</b>	: Not applicable
<b>Vapor Pressure</b>	: No data available
<b>Relative Vapor Density at 20°C</b>	: No data available
<b>Relative Density</b>	: No data available
<b>Solubility</b>	: Completely -water
<b>Partition Coefficient: N-Octanol/Water</b>	: No data available
<b>Viscosity</b>	: Water Thin

### 9.2. Other Information

<b>VOC Content</b>	: .9 lbs/gal
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## SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity:** No specific test data related to reactivity available for this product or its ingredients.
- 10.2. Chemical Stability:** The product is stable.
- 10.3. Possibility of Hazardous Reactions:** Under normal conditions of storage and use, hazardous reactions will not occur.
- 10.4. Conditions to Avoid:** No specific data.
- 10.5. Incompatible Materials:** No specific data.
- 10.6. Hazardous Decomposition Products:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on Toxicological Effects

**Acute Toxicity:** Not classified

<b>2-Butoxyethanol</b>	
<b>LD50 Oral Rat</b>	
<b>LD50 Dermal Rabbit</b>	
<b>2-aminoethanol</b>	
<b>LD50 Oral Rat</b>	
<b>LD50 Dermal Rabbit</b>	
<b>Proprietary Component 2</b>	
<b>LD50 Oral Rat</b>	1400 mg/kg
<b>LD50 Dermal Rat</b>	> 2000 mg/kg

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<b>Proprietary Component 1</b>	
LD50 Oral Rat	5660 mg/kg
LD50 Dermal Rabbit	2700 mg/kg

Skin Corrosion/Irritation: Not available.

Serious Eye Damage/Irritation: Not available.

Respiratory or Skin Sensitization: Not available.

Germ Cell Mutagenicity: Not available.

Carcinogenicity: Not available.

Reproductive Toxicity: Not available.

Specific Target Organ Toxicity (Single Exposure): Not available.

Specific Target Organ Toxicity (Repeated Exposure): Not available.

Aspiration Hazard: Not available.

Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation or corrosive to the respiratory system.

Symptoms/Injuries After Skin Contact: Prolonged exposure may cause skin irritation.

Symptoms/Injuries After Eye Contact: Contact causes severe eye damage.

Symptoms/Injuries After Ingestion: May cause burns to mouth, throat and stomach.

Chronic Symptoms: None known.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Ecology - General : Not classified.

<b>2-Butoxyethanol</b>	
LC50 Fish Marine water	1,250,000 ug/l (Exposure time: 96 h - Species: Inland silverside)
EC50 Fresh water	1000 mg/l (Exposure time: 48 h - Species: Aquatic invertebrates. Water flea)
<b>2-aminoethanol</b>	
LC50 Fish Marine water	2,070,000 ug/l (Exposure time: 96 h - Species: Fathead minnow)
EC50 Fresh water	80,000 ug/l (Exposure time: 96h - Species: Aquatic plants-Haptophyte)
<b>Proprietary Component 2</b>	
LC50 Fish 1	6 - 12 mg/l (Exposure time : 96 h - Species: Pimephales promelas)
EC50 Daphnia 1	2.217 - 3.523 mg/l (Exposure time: 48 h - Species: Daphnia magna)
<b>Proprietary Component 1</b>	
LC50 Fish 1	1300 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 Daphnia 1	> 100 mg/l (Exposure time: 48 h - Species: Daphnia magna)

### 12.2. Persistence and Degradability

<b>POWER WASH ULTRA</b>	
Persistence and Degradability	Not available.
<b>2-Butoxyethanol</b>	
Persistence and Degradability	Not available.

### 12.3. Bioaccumulative Potential

<b>POWER WASH ULTRA</b>	
Bioaccumulative Potential	Not established.
<b>2-Butoxyethanol</b>	
Log Pow	Not available.
Bioaccumulative Potential	Not available.
<b>Proprietary Component 1</b>	
Log Pow	0.48 (at 25 °C)
<b>Proprietary Component 2</b>	
BCF Fish 1	(no bioconcentration expected)

12.4. Mobility in Soil No additional information available

### 12.5. Other Adverse Effects

Other Information : Avoid release to the environment.

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## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste Treatment Methods

**Waste Disposal Recommendations:** Dispose of contents/container in accordance with local, regional, national, and international regulations.

**Additional Information:** Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues.

**Ecology - Waste Materials:** Avoid release to the environment.

## SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

### 14.1. In Accordance with DOT

**IATA-** Not Restricted.

**IMDG** -Not Restricted

**DOT Classification-** Not Restricted.

**Mexico Classification** -Not Restricted.

**TDG Class** -Not Restricted.

**14.2. In Accordance with IMDG** Not regulated for transport

**14.3. In Accordance with IATA** Not regulated for transport

## SECTION 15: REGULATORY INFORMATION

### 15.1. US Federal Regulations

<b>AV POWER WASH ULTRA</b>	
SKIN CORROSION/IRRITATION - Category 2 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1	
<b>2-Butoxyethanol</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>2-aminoethanol</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Proprietary Component1</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>EPA TSCA Regulatory Flag</b>	XU - XU - indicates a substance exempt from reporting under the Inventory Update Reporting Rule, i.e, Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(C)).
<b>Proprietary Component 2</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

### 15.2. US State Regulations

<b>2-aminoethanol 141-43-5</b>
<b>2-Butoxyethanol 111-76-2</b>
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

## SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Date of Preparation or Latest Revision** : 2/4/2021

**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

### GHS Full Text Phrases:

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 2	Hazardous to the aquatic environment - Acute Hazard Category 2
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2	Serious eye damage/eye irritation Category 2

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Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
H302	Harmful if swallowed
H318	Causes serious eye damage
H319	Causes serious eye irritation
H401	Toxic to aquatic life

### NFPA Health Hazard

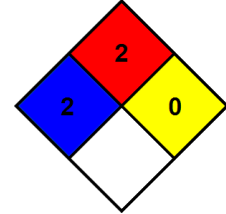
: 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.

### NFPA Fire Hazard

: 2 - Materials that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur.

### NFPA Reactivity Hazard

: 0 - Material that in themselves are normally stable, even under fire conditions.



### HMIS III Rating

#### Health

: 2 Moderate Hazard - Temporary or minor injury may occur

#### Flammability

: 2 Moderate Hazard

#### Physical

: 0 Minimal Hazard

### Notice to reader

*To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*