

**SAFETY DATA SHEET**  
**Essentially Similar to U.S. Department of Labor Form OSHA**  
**Revised: 03/27/2014**  
**HMIS Health-2 Flammability-4 Reactivity-0**

**SECTION I-Identification**

**Manufacturer: A.V.W. Inc.**

**24 Hour Emergency Phone Number: 800-424-9300**

**Product Name: Winchester Gun Wash Synthetic Safe Cleaner 10 oz and 3.5 oz**

**Chemical name:** Organic Mixture

**Product Use;** Cleaning

**SECTION 2 –Hazardous Identification**

**Emergency Overview** DANGER: EXTREMELY FLAMMABLE GAS  
Extremely Flammable gas. Contents under pressure. Containers may explode when heated. Eye irritant. Avoid eye contact. Use with adequate ventilation. Keep away from heat, sparks and other sources of ignition.

**Potential short term health effects**

**Routes of exposure** Eye, Skin contact, Inhalation.

**Symptoms of Overexposure:**

**Inhalation:** Mist or vapor can irritate the throat and lungs. High concentrations may cause nasal and respiratory irritation and central nervous system effects such as headache, dizziness and nausea. Intentional abuse may be harmful or fatal.

**Skin Contact:** Prolonged and/or repeated contact may produce mild irritation and defatting with possible dermatitis.

**Eye Contact:** Contact may be irritating to eyes. May cause redness and tearing.

**Ingestion:** This product has low oral toxicity. Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhea. The liquid contents are an aspiration hazard. If swallowed, can enter the lungs and may cause chemical pneumonitis.

**Chronic Effects:** Prolonged overexposure may cause peripheral nervous system damage characterized by muscular weakness, loss of sensation in the extremities and impaired gait.

**Medical Conditions Aggravated by Exposure:** Preexisting eye, skin and respiratory conditions may be aggravated by exposure.

**Suspected Cancer Agent:** yes No x

**Signs and symptoms** Symptoms may include redness, dryness of the skin.

**Odor, Color, Grade** Clear, colorless with slight ethereal odor.

**General Physical Form** liquid

**Immediate health, physical, and environmental hazards:**

Closed containers exposed to heat from fire may build pressure and explode.

May cause redness of skin and/or frostbite. May cause target organ effects.

**SECTION 3-Composition/Information on Ingredients**

<b>Ingredient</b>	<b>CAS #</b>	<b>Weight Percent</b>
n-Hexane	110-54-3	20-30
Isopropyl Alcohol (Isopropanol)	67-63-0	10-20
Petroleum Hydrocarbon	68476-86-8	40-60

**SECTION 4-First Aid Measures**

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

**Skin:** Flush with cool water.  
Wash affected area with soap and water. If signs/symptoms persist, get medical attention.

**Eye contact:** Immediately flush with large amounts of cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Obtain medical attention if irritation persist.

**Inhalation:** If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.  
If breathing has stopped, trained personnel should administer CPR immediately. Give artificial respiration or oxygen if needed.

**Ingestion:** Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing.  
Obtain medical attention. Call 24 Hour Emergency Phone Number: 800-424-9300

**SECTION 5-Fire-Fighting Measures**

**Flammable Properties** Extremely Flammable by WHMIS/OSHA criteria. Containers may explode when heated.

**Flash Point:** -120 C Extremely flammable level 3 aerosol  
**Flammable Limits-LEL** 1.1%  
**Flammable Limits-UEL** 9.5%

#### **Extinguishing media**

##### **Suitable extinguishing media**

Small Fires: Dry chemical. Carbon dioxide, Fog or foam. Do not use water jet or flooding amounts of water. Burning product will float on the surface and spread fire.

##### **Unsuitable extinguishing media:**

Not available

##### **Protection of firefighters specific hazards arising from the chemical**

Contents under pressure. Pressurized container may explode when exposed to heat or flame.

Firefighters should always wear positive pressure self-contained breathing apparatus and full protective clothing. Cool fire-exposed containers with water. Use shielding to protect against bursting containers.

##### **Protective equipment for firefighters**

Firefighters should wear full protective clothing including self contained breathing apparatus.

##### **Hazardous combustion products**

May include and are not limited to: Oxides of carbon.

##### **Explosion data**

##### **Sensitivity to mechanical impact**

Not available

##### **Sensitivity to static discharge**

Not available

## **SECTION 6-Accidental Release Measures**

### **Accidental Release Measures**

Wear appropriate protective clothing (see Section 8). Eliminate all sources of ignition and ventilate area. Leaking cans should be placed in a plastic bag or open pail until the pressure has dissipated. Contain and collect liquid with an inert absorbent and place in a container for disposal. Clean spill area thoroughly. Report spills to authorities as required. **Personal precautions** keep unnecessary personnel away. Do not touch or walk through spilled material.

Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Keep people away from and upwind of spill/leak.

### **Methods for containment**

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area).

Stop leak if you can do so without risk.

Prevent entry into waterways, sewers, basements or confined areas.

### **Methods for cleaning up**

Before attempting clean up, refer to hazard data given above.

Remove sources of ignition.

Although the chance of a significant spill or leak is unlikely in aerosol containers, in the event of such an occurrence, absorb spilled material with a non-flammable absorbent such as sand or vermiculite.

## **SECTION 7-Handling and Storage**

Avoid contact with eyes. Avoid prolonged contact with skin. Avoid breathing vapors or aerosols. Use only with adequate ventilation. Keep away from heat, sparks, pilot lights, hot surfaces and open flames. Unplug electrical tools, motors and appliances before spraying or bringing the can near any source of electricity. Electricity can burn a hole in the can and cause contents to burst into flames. To avoid serious burn injury, do not let the can touch battery terminals, electrical connections on motors or appliances or any other source of electricity. Wash thoroughly with soap and water after handling. Keep containers closed when not in use. Keep out of the reach of children. Do not puncture, crush or incinerate containers, even when empty.

**Storage:** Do not store above 120F or in direct sunlight. U.F.C (NFPA 30B) Level 2 Aerosol. **Storage:**Keep out of reach of children.

## **SECTION 8-Exposure Controls/Personal Protection**

### **Chemical**

n-Hexane

Isopropyl Alcohol (Isopropanol)

Petroleum Hydrocarbon

### **Occupational Exposure Limits**

500 ppm TWA (OSHA)

50 ppm TWA skin (ACGIH)

400 ppm TWA (OSHA)

200 ppm TWA (ACGIH); 400 ppm STEL (ACGIH)

1000 ppm TWA (AIHA WEEL)

**Engineering Controls:** Do not use in a confined area or areas with little or no air movement.  
Use general dilution ventilation and/or control mist, vapor, or spray.  
If ventilation is not adequate, use respiratory protection equipment

**Personal protective equipment**

**Respiratory protection:** Do not breathe vapors. Use with adequate ventilation. Keep container closed.  
For emergencies select one of the following NIOSH approved respirators based on airborne concentration of contaminants and in accordance with OSHA regulations:  
Half face piece or full face pressure demand self-contained breathing apparatus.

**Hand protection:** If there is constant skin contact, rubber gloves are recommended.

**Eye/Face protection:** Avoid eye contact with vapors, mists, or spray.  
The following eye protection(s) are recommended: Safety Glasses with side shields.

**Skin protection:** Avoid prolonged skin contact. Wear insulated or chemical resistant gloves where skin contact likely..

**General hygiene considerations:**

Handle in accordance with good industrial hygiene and safety practice.  
When using do not eat or drink.  
Wash hands and face before breaks and immediately after handling product.

**SECTION 9-Physical and Chemical Properties**

**Form:** clear liquid hydrocarbon odor

**Color:** colorless

**Odor:** hydrocarbon odor

**Odor threshold:** Not available

**Ph:** Not available

**Physical state:** liquid

**Melting point:** Not available

**Freezing point:** Not available

**Boiling point:** 152-180F

**Flash point(Method):** -29.2F closed cup

**Vapor Pressure@70F:** 80 PSIG

**Pour Point:** Not available

**Specific gravity:** (water=1) 0.530-0.560

**Vapor density:** Greater than 2(air=1)

**Octanol.wate coefficient** Not available

**Solubility (H2O) @70F:** .008%

**Auto-ignition temperature**

No data

**Percent volatile:** 100

**SECTION 10-Stability and Reactivity**

**Chemical stability:** Stable under recommended storage conditions.

**Conditions to avoid:** Aerosol containers are unstable at temperatures above 49°C (120.2°F)., high heat, sparks & open flames

**Incompatibility:** Strong oxidizing agents. Alkaline materials. Alkaline earth metals.

**Hazardous decomposition**

**Products:** Thermal decomposition will generate Carbon monoxide, volatile hydrocarbon vapors

**Possibility of hazardous reactions:**

Hazardous polymerization does not occur.

**SECTION 11-Toxicological Information**

**Ingestion:** It is an aspiration hazard. . The oral toxicity of this product is estimated to be greater than 2,000 mg/kg based on an assessment of the ingredients. None of the components of this product is listed as a carcinogen or suspected carcinogen or is considered a reproductive hazard.

**Skin** Contact with liquid may cause irritation

**Inhalation** Excessive intentional inhalation may cause respiratory tract irritation and central nervous system effects (headache, dizziness).

**Sensitization** Non-hazardous by WHMIS/OSHA criteria

**Chronic effects** Non-hazardous by WHMIS/OSHA criteria

**Carcinogenicity** Non-hazardous by WHMIS/OSHA criteria

Mutagenicity	Non-hazardous by WHMIS/OSHA criteria
<b>Reproductive effects</b>	Non-hazardous by WHMIS/OSHA criteria
<b>Teratogenicity</b>	Non-hazardous by WHMIS/OSHA criteria
<b>Synergistic Materials</b>	Not Available

## SECTION 12-Ecological Information

<b>Ecotoxicity</b>	Not available
<b>Aquatic toxicity</b>	Not available
<b>Persistence / degradability</b>	Not available

### Bioaccumulation / accumulation

Not available

**Partition coefficient** Not available

Mobility in environmental media

Not available

### Chemical fate information

Not available

**Other adverse effects** Not available

## SECTION 13 -Disposal Considerations

**Waste Code:** Not available

**Disposal instructions** Review federal, state/provincial, and local government requirements prior to disposal.

### Waste from residues/unused

If this product becomes a waste, it would be expected to meet the criteria of a RCRA ignitable hazardous waste (D001). However, it is the responsibility of the generator to determine at the time of disposal the proper classification and method of disposal. Dispose in accordance with federal, state, and local regulations.

**Contaminated packaging** Not available

## SECTION 14 – Transportation Information

### U.S Department of Transportation (DOT) International Maritime Organization (IMO)

#### Basic shipping requirements:

#### Transportation of Dangerous Goods (TDG – Canada)

**Hazard class** 2.1

**UN number** 1950

#### Additional Information:

**DOT/IMO Label:** FLAMMABLE GAS

**Special Information:** CARGO AIRCRAFT ONLY  
DOT -2Q

### IATA/CAO (Air)

#### Basic shipping requirements:

**Proper shipping name:** Petroleum Hydrocarbon

**Hazard class:** 2.1

**UN number:** 1950

#### Additional information:

**Maximum net quantity** Cargo aircraft only-150 kg maximum. A.V.W. Inc. d.b.a. Max Pro does not test aerosol cans to assure that they meet the pressure and other requirements for transport by air. We do not recommend that our aerosol products be transported by air.

**DOT Packaging: Ships** ORM-D

**Exemptions:** None

## SECTION 15-Regulatory Information

### Occupational Safety and Health Administration (OSHA)

**29 CFR 1910.1200 hazardous**

Yes

### CERCLA (Superfund) reportable quantity

**CERCLA 103 Reportable Quantity:** Releases of this product in excess of the reportable quantity of 8,330 pounds based on the RQ for n-hexane of 5,000 lbs present at less than 60% must be reported to the National Response Center. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

**Hazard Category For Section 311/312:** Acute Health, Chronic Health, Fire Hazard, Sudden Release of Pressure

**Section 313 Toxic Chemicals:** This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements: n-hexane 110-54-3 20-30%

**Section 302 Extremely Hazardous Substances (TPQ):** None

**EPA Toxic Substances Control Act (TSCA) Status:** All of the components of this product are listed on the TSCA inventory

**Canadian Environmental Protection Act:** All of the ingredients are listed on the Canadian Domestic Substances List or exempt from notification

**Canadian WHMIS Classification:** Class B-5 (Flammable Aerosol), Class D-2-B (Eye Irritant, Chronic Health Effects)

This MSDS has been prepared according to the criteria of the Controlled Products Regulation (CPR) and the MSDS contains all of the information required by the CPR.

**Hazard categories**

Immediate Hazard	Yes
Delayed Hazard	No
Fire Hazard	Yes
Pressure Hazard	Yes
Reactivity Hazard	No

**Section 302 extremely** No

**hazardous substances**

**Section 311 hazardous**

**chemical** Yes

**Clean Air Act (CAA)** Not available

**Clean Water Act (CWA)** Not available

**WHMIS status** Controlled

**WHMIS classification** Class A – Compressed Gas, Class B – Division 1 – Flammable Gas

**State regulations** This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

**Inventory name**

**Country(s) or region** **Inventory**

**Canada** Domestic Substances List (DSL)

**Canada** Non-Domestic Substances List (NDSL)

**United States &**

**Puerto Rico** Toxic Substances Control Act (TSCA) Inventory

**SECTION 16-Other Information**

	<b>NFPA Hazard Classification</b>
<b>Health:</b>	2
<b>Flammability:</b>	4
<b>Reactivity:</b>	0

	<b>HMIS Hazard Classification</b>
<b>Health:</b>	2
<b>Flammability:</b>	4
<b>Reactivity:</b>	0
<b>Protection:</b>	X – See PPE section