

SAFETY DATA SHEET
Essentially Similar to U.S. Department of Labor Form OSHA
Revised: 09/10/2014
HMIS Health-1 Flammability-2 Reactivity 0

SECTION I-Product Information and Company Identification

Manufacturer Name: A.V.W. Inc. d.b.a. Max Pro
24 Hour Emergency Phone Number: 800-424-9300
Product Name: Max Pro Super Lubricant 11 oz
Product Use: Lubricant

SECTION 2 –Hazardous Identification

Emergency Overview

DANGER! Flammable aerosol. Contents under pressure. Harmful or fatal if swallowed. If swallowed, may be aspirated and cause lung damage. May cause eye irritation. Avoid eye contact. Use with adequate ventilation. Keep away from heat, sparks and all other sources of ignition.

Symptoms of Overexposure:

Inhalation: 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. This product is an aspiration hazard. If swallowed, can enter the lungs and may cause chemical pneumonitis, severe lung damage and death.

Chronic Effects: None expected.

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 Amber color slight oil smell

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

Ingredient	CAS#	Percentage
Carbon Dioxide	CAS# 12438-9	TWA 10000 % 1- 5
Aliphatic Hydrocarbon	CAS# 64742-96-7	TWA 200 % 40-55
Aliphatic Petroleum Naptha	CAS# 64742-30-9	TWA 200 % 40-55

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

Extinguishing Media: Use water fog, dry chemical, carbon dioxide or foam. Do not use water jet or flooding amounts of water. Burning product will float on the surface and spread fire.

Special Fire Fighting Procedures: 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.

Unusual Fire and Explosion Hazards: Contents under pressure. Keep away from ignition sources and open flames. Exposure of containers to extreme heat and flames can cause them to rupture often with violent force. Vapors are heavier than air and may travel along surfaces to remote ignition sources and flash back.

SECTION 6-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.

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

Carbon Dioxide

Occupational Exposure Limits

5000 ppm TWA (OSHA)

Aliphatic Hydrocarbon

1200ppm TWA (OSHA)

Aliphatic Petroleum Naptha

1200 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

Boiling Point:	361°-369°F (183°-187°C)
Specific Gravity	(H ₂ O=1)=.80 @ 60°
Vapor Pressure (mm Hg):	UND
Vapor Density	Greater than 1

PH	Not Applicable
Solubility in Water:	Insoluble
Coefficient of water/oil Distribution	Not determined
Appearance:	light amber with oil odor.
Flash Point	138° 59°C
Pour Point	-63°
Kinematic Viscosity	3.79-2.96cSt @100°F

SECTION 10-Stability and Reactivity

Stability:	Stable
Conditions to Avoid:	Hydrolysis producing small amounts of hydrochloric acid possible with gross water contamination. Avoid open flames, welding arcs, or other high temperature sources, which induce thermal decomposition.
Hazardous Polymerization:	Will not occur.
Incompatibility:	Strong oxidizers; caustics, chemically active metals such as aluminum, magnesium and sodium.

SECTION 11-Toxicological Information

Ingestion: It is an aspiration hazard. . The oral toxicity of this product is estimated to be greater than 5,000 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
Reproductive effects Non-hazardous by WHMIS/OSHA criteria
Teratogenicity Non-hazardous by WHMIS/OSHA criteria
Synergistic Materials Not Available

SECTION 12-Ecological Information

Ecotoxicity Not available
Aquatic toxicity Not available
Persistence / degradability 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.

SECTION 14 – Transportation Information

DOT Surface Shipping Description: Consumer Commodity, ORM-D
After 1/1/2014 UN1950, Aerosols, 2.1 Ltd. Qty (Note: Shipping Papers are not required for Limited Quantities unless transported by air or vessel – each package must be marked with the Limited

Quantity Mark)
IMDG Shipping Description: UN1950, Aerosols, 2.1, LTD QTY

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 Page 4 of 4 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:

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 hazardous substances

No

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

Health:

NFPA Hazard Classification

1

Flammability:

4

Reactivity:

0

Health:

HMIS Hazard Classification

1

Flammability:

4

Reactivity:

0

Protection:

X – See PPE section