



Petra Washer Fluid Concentrate

Safety Data Sheet

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)
Issue date: 7/14/2026 Revision date: 7/14/2026

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Trade name : Petra Washer Fluid Concentrate
Product code : Petra 9024B

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Automotive Care Products.
Recommended use : Windscreen/windshield wash fluid
Restrictions on use : For professional use only

1.4. Supplier's details

Petra Automotive Products, Inc.
11085 Regency Green Dr.
Cypress, TX 77429
USA
T (713) 856-5700
www.petraautoproductions.com

1.5. Emergency phone number

Emergency number : (Chemical Spills, Leaks, Fire, Exposure or Accident only): CHEMTREC 1-800-424-9300 (in the US), 1-703-527-3887 (Outside the US)

SECTION 2 Hazard Identification

2.1. Classification of the substance or mixture

GHS US classification

Flammable liquid, Category 4	H227	Combustible liquid.
Acute toxicity (oral), Category 4	H302	Harmful if swallowed.
Specific target organ toxicity — Single exposure, Category 1	H370	Causes damage to organs (optic nerve) (- Ingestion).
Full text of H statements : see section 16		

2.2. Label elements

GHS US labeling

Hazard pictograms (GHS US)



Signal word (GHS US)

: Danger

Hazard statements (GHS US)

: H227 - Combustible liquid
H302 - Harmful if swallowed
H370 - Causes damage to organs (optic nerve) (- Ingestion).

Precautionary statements (GHS US)

: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260 - Do not breathe vapors, mist, spray.

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P264 - Wash hands thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P280 - Wear protective gloves, protective clothing.
P301+P312 - If swallowed: Call a poison center or doctor if you feel unwell.
P330 - Rinse mouth.
P308+P311 - If exposed or concerned: Call a poison center or doctor.
P370+P378 - In case of fire: Use alcohol resistant foam, carbon dioxide (CO₂), extinguishing powder to extinguish.
P403 - Store in a well-ventilated place.
P405 - Store locked up.
P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

2.3. Hazards associated with known or reasonably anticipated uses

None known

2.4. Hazards not otherwise classified

Other hazards which do not result in classification : None known.

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

Mixtures

Name	Product identifier	Conc. (% w/w)
Methanol	CAS-No.: 67-56-1	5 – 10

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

Full text of hazard classes and H-statements : see section 16

SECTION 4 First aid measures

4.1. Description of necessary first-aid measures

First-aid measures general : Call a poison center or a doctor if you feel unwell.
First-aid measures after inhalation : Move the affected person to fresh air. Get medical attention if symptoms occur.
First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects : May cause slight temporary irritation. Symptoms of ingestion include drowsiness, weakness, headache, dizziness, nausea, vomiting. Causes damage to organs (optic nerve) (Ingestion). If swallowed there is a risk of blindness.
Inhalation : High concentration of vapors may induce: headache, nausea, dizziness.
Skin : Prolonged or repeated contact may cause skin to become dry.
Eyes : May cause minor eye irritation.
Ingestion : If swallowed there is a risk of blindness. May cause gastrointestinal irritation, nausea, vomiting and diarrhea. Depression of the central nervous system, headaches, dizziness, drowsiness, loss of coordination.

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Chronic symptoms : Causes damage to organs (optic nerve) (Ingestion).

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : If accidentally swallowed obtain immediate medical attention.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Use dry chemical, CO₂, water spray or alcohol-resistant foam.
Unsuitable extinguishing media : None.

5.2. Specific hazards arising from the chemical

Fire hazard : Combustible liquid. Keep away from open flames, hot surfaces and sources of ignition.
Hazardous decomposition products in case of fire : Carbon oxides (CO, CO₂).

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. Cool down the containers exposed to heat with a water spray. Use shielding to protect from bursting cans.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Remove ignition sources. No open flames, no sparks, and no smoking. Ventilate area. Do not breathe vapors. Avoid contact with eyes, skin and clothing. Keep unnecessary and unprotected personnel away from the spillage.

For non-emergency personnel

Emergency procedures : Remove all sources of ignition. Ventilate area. Use only explosion-proof equipment. Do not breathe vapors. Avoid contact with eyes, skin and clothing. Wear suitable protective clothing. Stop leak if safe to do so. Only qualified personnel equipped with suitable protective equipment may intervene. Keep unnecessary and unprotected personnel away from the spillage.

For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

Environmental precautions : Avoid release to the environment. Prevent liquid from entering sewers, watercourses, underground or low areas. Notify authorities if product enters sewers or public waters.

6.2. Methods and materials for containment and cleaning up

For containment : Remove all sources of ignition. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for cleaning up : Absorb with an inert material and place in an appropriate waste disposal container. Use non-sparking tools. Wash contaminated area with large amounts of water.
Other information : Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

For further information refer to section 8: "Exposure controls/personal protection". For disposal of contaminated materials refer to section 13 : "Disposal considerations".

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SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Use only outdoors or in a well-ventilated area. Avoid breathing vapors. Avoid contact with eyes, skin and clothing. Wear personal protective equipment. Use according to manufacturer's directions. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep containers closed. Always wash hands after handling the product.
Technical measures	: Use explosion-proof equipment. Prevent electrostatic discharges (e.g. grounding, dissipative materials).
Hygiene measures	: Handle in accordance with good industrial hygiene and safety procedures. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including incompatibilities

Storage conditions	: Store locked up. Store in dry, cool, well-ventilated area. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed.
Incompatible materials	: Store away from strong oxidizers, strong bases, strong acids.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Methanol (67-56-1)	
USA - ACGIH® - Threshold Limit Values	
Local name	Methanol
ACGIH® TLV® TWA	200 ppm
ACGIH® TLV® STEL	250 ppm
Remark (ACGIH®)	TLV® Basis: Headache; eye dam; dizziness; nausea. Notations: Skin; BEI
Regulatory reference	ACGIH 2024
USA - ACGIH® - Biological Exposure Indices	
Local name	Methanol
BEI (BLV)	15 mg/l Parameter: Methanol - Medium: urine - Sampling time: End of shift - Notations: B, Ns
Regulatory reference	ACGIH 2024
USA - OSHA - Occupational Exposure Limits	
Local name	Methyl alcohol
OSHA PEL (TWA)	260 mg/m³
	200 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

8.2. Appropriate engineering controls

Appropriate engineering controls	: Local exhaust and general room ventilation are both essential to prevent accumulation of flammable vapor or dust mixtures. Use explosion-proof equipment. Take precautionary measures against static discharge.
Environmental exposure controls	: Avoid release to the environment.

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8.3. Individual protection measures, such as personal protective equipment

Hand protection:

Wear suitable gloves

Eye protection:

Use suitable eye protection

Skin and body protection:

None under normal conditions. Avoid contact with skin. Handling product in bulk: Wear suitable protective clothing

Respiratory protection:

No respiratory protection needed under normal use conditions. In operations where exposure limits are exceeded or exposure levels are excessive, an approved respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

Thermal hazard protection:

Not applicable.

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	: Liquid
Appearance	: Blue. Liquid.
Color	: Blue
Odor	: Alcohol mild
Odor threshold	: Not determined
pH	: 7
Melting point	: Not applicable
Freezing point	: Not determined
Boiling point	: Not determined
Flash point	: 67 °C
Flammability (solid, gas)	: Combustible liquid.
Vapor pressure	: Not determined
Relative vapor density at 20°C	: No data available
Relative density	: 0.98
Solubility	: completely soluble.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: Not determined
Decomposition temperature	: No data available
Viscosity, kinematic	: Not determined
Explosion limits	: Lower explosion limit: 6 Vol-% Methanol Upper explosion limit: 36 Vol-% Methanol
Explosive properties	: vapors may form flammable and explosive mixture with air.
Oxidizing properties	: Not oxidising.
Particle characteristics	: Particle characteristics : Not applicable

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

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SECTION 10 Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Combustible liquid.

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

10.5. Incompatible materials

Strong acids. Strong bases. Strong oxidizers.

10.6. Hazardous decomposition products

In the event of thermal decomposition : Carbon oxides (CO, CO₂).

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Harmful if swallowed.
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

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ATE US (oral)	1000 mg/kg body weight
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Methanol (67-56-1)

LD50 oral rat	1187 – 2769 mg/kg body weight
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LD50 dermal rat	17100 mg/kg
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LC50 Inhalation - Rat (Vapors)	128.2 mg/l/4h
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Skin corrosion/irritation	: Not classified pH: 7
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Serious eye damage/irritation	: Not classified pH: 7
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Respiratory or skin sensitization	: Not classified
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Germ cell mutagenicity	: Not classified
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Carcinogenicity	: Not classified
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Reproductive toxicity	: Not classified
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Methanol (67-56-1)

NOAEL (animal/male, F0/P)	< 1000 mg/kg body weight
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STOT-single exposure	: Causes damage to organs (optic nerve) (- Ingestion).
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Methanol (67-56-1)

STOT-single exposure	Causes damage to organs.
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Additional information	optic nerve. central nervous system
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STOT-repeated exposure : Not classified
Aspiration hazard : Not classified

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Viscosity, kinematic	Not determined
Symptoms/effects	: May cause slight temporary irritation. Symptoms of ingestion include drowsiness, weakness, headache, dizziness, nausea, vomiting. Causes damage to organs (optic nerve) (Ingestion). If swallowed there is a risk of blindness.
Inhalation	: High concentration of vapors may induce: headache, nausea, dizziness.
Skin	: Prolonged or repeated contact may cause skin to become dry.
Eyes	: May cause minor eye irritation.
Ingestion	: If swallowed there is a risk of blindness. May cause gastrointestinal irritation, nausea, vomiting and diarrhea. Depression of the central nervous system, headaches, dizziness, drowsiness, loss of coordination.
Chronic symptoms	: Causes damage to organs (optic nerve) (Ingestion).

SECTION 12 Ecological information

12.1. Ecotoxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute) : Not applicable.
Hazardous to the aquatic environment, long-term (chronic) : Not applicable.

Methanol (67-56-1)

LC50 - Fish [1]	15400 mg/l <i>Lepomis macrochirus</i> (Bluegill)
EC50 - Crustacea [1]	18260 mg/l <i>Daphnia magna</i> (Water flea)
EC50 96h - Algae [1]	≈ 22000 mg/l <i>Pseudokirchneriella subcapitata</i>
NOEC (chronic)	208 mg/l <i>Daphnia magna</i> (Water flea)

12.2. Persistence and degradability

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Persistence and degradability	No additional information available.
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Methanol (67-56-1)

Persistence and degradability	Readily biodegradable.
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12.3. Bioaccumulative potential

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Bioaccumulative potential	Bioaccumulation is not expected to occur.
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Methanol (67-56-1)

Bioaccumulative potential	No bioaccumulation.
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12.4. Mobility in soil

Methanol (67-56-1)

Ecology - soil	Expected to be highly mobile in soil.
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12.5. Other adverse effects

Ozone : Not classified
Other adverse effects : None known.
Fluorinated greenhouse gases : No

SECTION 13 Disposal considerations

Regional waste regulation : Dispose of in accordance with applicable federal, state, and local regulations.
Additional information : Empty containers retain product residue and can be hazardous. Flammable vapors may accumulate in the container.

SECTION 14 Transport information

In accordance with DOT / TDG / IMDG / IATA

DOT	TDG	IMDG	IATA
14.1. UN number			
Not regulated for transport			
14.2. Proper Shipping Name			
Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)			
Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group			
Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards			
Not regulated	Not regulated	Not regulated	Not regulated
Note: Not regulated for transport as a flammable liquid per aqueous alcohol exemption 49 CFR 173.150(e) for DOT, Special Provision 144 for IMDG, and Special Provision A58 for IATA/ICAO.			

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT
Not regulated

TDG
Not regulated

IMDG
Not regulated

IATA
Not regulated

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SECTION 15 Regulatory information

15.1. Federal regulations

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SARA Section 311/312 Hazard Classes

Refer to Section 2 for OSHA Hazard Classification.

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

Methanol

CAS-No. 67-56-1

5 – 10%

Methanol (67-56-1)

Listed on EPA Hazardous Air Pollutant (HAPS)

Listed on EPA HAPs Chronic Dose Response Assessment List - Carcinogens

Listed on EPA HAPs Acute Dose Response Assessment List – Exposure limits

CERCLA RQ

5000 lb

15.2. International regulations

No additional information available

15.3. State regulations



WARNING:

This product can expose you to chemicals including Ethylene oxide, which is known to the State of California to cause cancer and birth defects or other reproductive harm. This product can expose you to Methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

SECTION 16 Other information

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

Revision date

: 7/14/2026

Issue date

: 7/14/2026

Full text of hazard classes and H-statements

H227

Combustible liquid

H302

Harmful if swallowed

H370

Causes damage to organs.

Indication of changes:

New SDS.

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.