Safety Data Sheet

Petra Air Intake Cleaner - CA
P/N 2003-CA

HMIS Ratings	
Health	2
Flammability	3
Reactivity	0
Protection	B

Section 1: Identification

Product Name: Petra Oil Air Intake Cleaner

Product Use: Air Intake Cleaner

Restrictions on Use: None known.

Manufactured For: Petra Oil Company
6100 West by Northwest Blvd., Suite 190
Houston, TX 77040

Phone Number: (713) 856-5700

Fax Number: (713) 856-5712

Emergency Phone: CHEMTREC
1-800-424-9300
For International Calls:
(703) 527-3887

Section 2: Hazard Identification

Hazard Class: Flammable Aerosol Category 1, Acute Oral Toxicity Category 5, Acute Dermal Toxicity Category 5, Acute Inhalation Toxicity Category 5, Skin Irritant Category 3, Eye Irritant Category 2B, Carcinogenicity Category 2, Reproductive Toxicity Category 2, Acute Target Organ Toxicity Category 2.

Signal Word(s): Danger

Hazard Statement: Extremely flammable aerosol. May be harmful if swallowed, in contact with skin, or if inhaled. Causes mild irritation. Causes eye irritation. Suspected of causing cancer. Suspected of damaging fertility or the unborn child. May cause damage to CNS and optic nerve via methanol content.

Pictogram Classes:

Precautionary Measures: Wash thoroughly after handling. Wear eye protection. Keep away from heat, sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Pressurized container. Do not pierce or burn, even after use. Protect from sunlight. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use only outdoors or in well-ventilated area. Store locked up and tightly closed in a cool, well-ventilated place. Do not expose to temperatures exceeding 50˚C / 122˚F.

Special Note: Internationally, and under the most current version of GHS, this product is classified without the "Gases under pressure" designation, and should lack the gas cylinder pictogram.

Miscellaneous Hazards: Inhalation in high-concentrations may cause respiratory irritation.

Section 3: Composition/Information on Ingredients

Chemical Name	CAS Number	Concentration (Wgt.%)
Carbon Dioxide	124-38-9	1-10
Acetone	67-64-1	80-95
Heptane	142-82-5	1-5
Methanol	67-56-1	1-5
Aromatic Hydrocarbon	108-88-3	5-10
Xylene	1330-20-7	1-5
Non-hazardous and other ingredients below reportable levels	Proprietary	0-11

Section 4: First Aid Measures

Skin Contact Wash affected area with plenty of water. If irritation persists, seek medical advice/attention.

Eye Contact Rinse cautiously with water for several minutes. Remove contact lenses if present/able. Continue rinsing. If eye irritation persists, get medical advice/attention.

Inhalation Move person to fresh air. Seek medical attention if problems develop or persist.

Ingestion If swallowed, seek medical advice/attention. Do not induce vomiting.

Notes for Immediate Care / Physician At first, methanol causes CNS depression with nausea, headache, vomiting, dizziness and incoordination, followed by a latent period of 8-24 hrs. This latent period is followed by metabolic

acidosis and severe visual effects which may include reduced reactivity and/or increased sensitivity to light, blurred, double and/or snowy vision, and blindness. Depending on the severity of exposure and the promptness of treatment, survivors may recover completely or may have permanent blindness, vision disturbances and/or nervous system effects. Since methanol eliminates slowly out of the body, treat methanol as a cumulative poison.

Section 5: Fire Fighting Measures

Hazardous Combustion Products:
Carbon monoxide, carbon dioxide, and other hydrocarbon fragments.

Extinguishing Media:
Use media appropriate for surrounding fire. Cool exposed containers with water.

General Fire Hazards:
Contents under pressure. Exposure to high heat may cause them to rupture with violent force. Vapors are heavier than air and may travel to a distant point of ignition and flash back.

Fire Fighting Equipment and Instructions:
Firefighters should wear full protective gear. Cool fire-exposed containers with water.

Section 6: Accidental Release Measures

Personal Protection/PPE:
Wear safety glasses or goggles and gloves to avoid skin and eye contact.

Emergency Procedures:
Remove all sources of ignition. Ensure ventilation to avoid inhalation. Use caution, as large amounts of liquid may produce a slip hazard.

Containment Procedures:
Stop the flow of material, if this is without risk. If can is leaking, place into pail or bucket in well-ventilated area until pressure has dissipated. Absorb with inert absorbent such as dry clay, sand, diatomaceous earth, or commercial sorbents. Shovel into appropriate container for disposal

Cleanup Procedures:
Absorb spill with inert material. Shovel material into appropriate container for disposal.

Section 7: Handling and Storage

Handling Procedures:
Avoid skin or eye contact with this material. Wash thoroughly after handling. Use with ventilation, and do not breathe aerosol. Contents are under pressure, so do not puncture or incinerate cans, even when 'empty.'

Storage Procedures:
Store locked up in cool, well-ventilated place. Store out of sunlight, at temperatures below 120˚F.

Section 8: Exposure Controls/Personal Protection

			Exposure Limits	
Chemical	**CAS Number**	**PEL-OSHA**	**TLV-ACGIH**	**Carcinogen**
Carbon Dioxide	124-38-9	5000 ppm	5000 ppm	No
Acetone	67-64-1	1000 ppm TWA	750 ppm TWA 1000 ppm STEL	No
Heptane	142-82-5	400 ppm	400 ppm	No
Methanol	67-56-1	200 ppm	200 ppm	No
Aromatic Hydrocarbon	108-88-3	100 ppm TWA	50 ppm	No
Xylene	1330-20-7	100 ppm	147 mg/m^3	No
Non-hazardous and other ingredients below reportable levels	Proprietary	N/A	N/A	N/A

Engineering Controls:
Use local exhaust ventilation.

Personal Protective Equipment:
Eyes/Face:
Wear safety glasses or goggles if eye contact is possible.

Skin:
Use impervious gloves.

Respiratory:
If ventilation is not sufficient to effectively prevent buildup of vapor/mist/fume/dust, appropriate NIOSH/MSHA respiratory protection must be provided.

General:
Use good hygiene practices when handling this material, including changing and laundering work clothes after use.

Section 9: Physical and Chemical Properties

Appearance:	White liquid in aerosol can
Flammability Limits:	Lower: 1.1%, Upper: 7.5%
Explosive Limits:	Not applicable.
Odor:	Not available.
Odor Threshold:	Not available.
Vapor Density:	>1 (Air 1.0)
Vapor Pressure:	Not available.
pH:	Not available.
Relative Density:	0.76-0.85
Melting Point:	Not available.
Solubility:	Sparing in water.
Initial Boiling Point/Boiling Range:	Not available.
Flash Point:	Not available.
Autoignition Temperature:	Not available.
Evaporation Rate:	Not available.
Partition Coefficient (n-octanol/water):	Not available.
Decomposition Temperature:	Not available.
Viscosity:	Not available.

Section 10: Stability and Reactivity

Reactivity:
Will react with strong oxidizing agents.

Chemical Stability:
This is a stable material. Container may explode at heat >120˚F.

Hazardous Decomposition:
Hazardous combustion products may include carbon monoxide, carbon dioxide, and other hydrocarbon fragments.

Hazardous Polymerization:
Will not occur.

Incompatible Materials:
Strong oxidizing agents (peroxides, chlorine, strong acids).

Conditions Leading to Hazard:
Storage with strong oxidizers. Storage in heat, near ignition source, or by open flame.

Section 11: Toxicological Information

Acute Toxicity Estimate – Oral: >2000 mg/kg
Acute Toxicity Estimate – Dermal: >2000 mg/kg

Reproductive Toxicity/Germ Cell Mutagenicity: Contains methanol, a substance known to cause fetotoxic and teratogenic effects in mice without maternal toxicity. No human results are available. Limit working with product and any skin contact while pregnant.
Skin/Inhalation Sensitization: No ingredients with positive in vivo results.
Carcinogenicity: This product contains a component suspected of causing cancer.

Section 12: Ecological Information

Existing Structure Activity Relationship (SAR) and Experimental data on the components of this product indicates Acute Toxicity Category 3, but no Chronic Toxicity to the aquatic environment. Bioaccumulation and other routes of aquatic contamination have insufficient data to be considered.

None of the components of this product are listed in the Montreal Protocol or its Amendments.

Section 13: Disposal Concerns

Dispose of waste material in accordance with Local, State, Federal, and Provincial Environmental Regulations.

Section 14: Transport Information

US DOT and International HMR Information

Proper Shipping Name:	Aerosol, flammable, each not exceeding 1L capacity (Methanol, Toluene, Xylene)
Identification Number:	UN1950
Hazard Class:	2.1

Section 15: Regulatory Information

US Federal Regulations

CERCLA/SARA – Section 313 – Emission Reporting

Methanol
Toluene
Xylene

EPA TSCA Inventory

All components listed.

State Regulations

California – Proposition 65

Methanol
Toluene

Section 16: Other Information

Disclaimer:
NOTICE: The information presented herein is based on data considered to be accurate as of the date of preparation of this Safety Data Sheet. However, SDS may not be used as a commercial specification sheet of manufacturer or seller, and no warranty or representation, expressed or implied, is made as to the accuracy or comprehensiveness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a license. In addition, no responsibility can be assumed by the vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.

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