

1. IDENTIFICATION OF THE PRODUCT AND COMPANY**1.1 Product**

VISCON-1101

1.2 Use

Diesel Fuel Additive

1.3 Company

VISCON CALIFORNIA, LLC (manufacturer)

3121 Standard Street
Bakersfield, CA 93308
(661) 327-7061*Cleaning Tomorrow's Air Today***1.4 Emergency**

CHEMTREC 1-800-424-9300

2. COMPOSITION

EINECS Name: Fuels, diesel, No. 2
EINECS No.: 270-676-1
Chemical Name: Petroleum Distillate
CAS No.: 68476-34-6
Classification: Carc. Cat. 3 (R40: Limited evidence of carcinogenic effect)
Risk Phrases: R40 (refer to Section 15 – Regulatory Information)
Safety Phrases: S[2]36/37 (refer to Section 15 – Regulatory Information)
<5 % Polyalphaolefin Polymer (CAS No.: 68649-11-6), <1% Polydimethylsiloxane (CAS No.: 63148-62-9)

3. HAZARDOUS IDENTIFICATION

Classification: Carc. Cat. 3 (R40: Limited evidence of carcinogenic effect)
Eye Contact: Slightly irritating but does not injure eye tissue.
Skin Contact: Low order of toxicity. Frequent or prolonged contact may irritate and cause dermatitis. Skin contact may aggravate an existing dermatitis condition.
Inhalation: High vapor/aerosol concentrations (greater than approximately 1000 ppm) are irritating to the eyes and the respiratory tract, may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness, and other central nervous system effects, including death.
Ingestion: Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, possibly progressing to death. Minimal toxicity.

4. FIRST AID MEASURES

Eye Contact: Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.
Skin Contact: Flush with large amounts of water, use soap if available. Remove grossly contaminated clothing, including shoes and laundry before reuse.
Inhalation: Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention.
Ingestion: If swallowed, DO NOT induce vomiting. Keep at rest. Get prompt medical attention.

5. FIRE –FIGHTING MEASURES

Flash Point: 188.3°F (86.8°C) - Method: TCC-ASTM D93 NOTE: Approximate

General Hazard

Combustible Liquid can form combustible mixtures at temperatures at or above the flashpoint. Static Discharge, material can accumulate static charges which can cause an incendiary electrical discharge. Empty containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death.. Empty drums should be completely drained, property bunged and promptly returned to a drum reconditioner, or properly disposed of.

Fire Fighting

Use water spray to cool fire exposed surfaces and to protect personnel. Isolate fuel supply from fire. Use foam, dry chemical, or water spray to extinguish fire. Avoid spraying water directly into storage containers due to danger of boil over. This liquid is volatile and gives off invisible vapors. Either the liquid or vapor may settle in low areas or travel some distance along the ground or surface to ignition sources where they may ignite or explode.

6. ACCIDENTAL RELEASE MEASURES

Land Spill

Eliminate sources of ignition. Prevent additional discharge of material, if possible to do so without hazard. For small spills implement cleanup procedures; for large spills implement cleanup procedures and if in public area, keep public away and advise authorities. Prevent liquid from entering sewers, watercourses or low areas. Contain spilled liquid with sand or earth. Do not use combustible materials such as sawdust. Recover by pumping (use an explosion proof or hand pump) or with a suitable absorbent. Consult an expert on disposal of recovered materials and ensure conformity to local disposal regulations.

Water Spill

Eliminate sources of ignition. Warn occupants and shipping in surrounding and downwind areas of fire and explosion hazard and request all to stay clear. Remove from surface by skimming or with suitable adsorbents. If allowed by local authorities and environmental agencies, sinking and/or suitable dispersants may be used in non-confined waters. Consult an expert on disposal of recovered material and ensure conformity to local regulations.

7. HANDLING AND STORAGE

7.1 Handling

Keep container closed. Handle and open containers with care. Store in a cool, well ventilated place away from incompatible materials. Do NOT handle or store near an open flame, heat or other sources of ignition. Protect material from direct sunlight. Material will accumulate static charges which may cause an electrical spark (ignition source). Use proper bonding and/or grounding procedures. Do NOT pressurize, cut, heat, or weld containers. Empty product containers may contain product residue. Do NOT reuse empty containers without commercial cleaning or reconditioning.

7.2 Storage

Storage Temperature:	Deg C: Ambient
Loading/Unloading Temperature:	Deg C: Ambient
Storage/Transport Pressure:	mmHg: atmospheric
NOTE:	Prolonged exposure to sun light will cause product degradation

7.3 Specific Uses

Use proper bonding and/or grounding procedure to prevent Electrostatic Accumulation. Additional information regarding safe handling of products with static accumulation potential can be ordered by contacting the American Petroleum Institute (API) for API Recommended Practice 2003, entitled Protection Against Ignitions Arising Out of Static, Lighting, and Stray Currents@ (American Petroleum Institute, 1220 L Street, NW, Washington, DC 20005), or the National Fire Protection Association (NFPA) for NFPA 77 entitled AStatic Electricity@ (National Fire Protection Association, 1 Batterymarch Park, P.O. Box 9101, Quincy, MA 02269).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure Limit Values

Viscon recommends the following occupational exposure limits: 300 ppm total hydrocarbon based on composition.

8.2 Exposure Controls

8.2.1 Occupational Exposure Controls

8.2.1.1 Respiratory Protection

The use of mechanical dilution ventilation is recommended whenever this product is used in a confined space, is heated above ambient temperatures, or is agitated.

8.2.1.2 Hand Protection

Wear chemical resistant gloves. Replace gloves immediately if sign of degradation is observed.

8.2.1.3 Eye Protection

Wear safety glasses with side shields.

8.2.2 Environmental Exposure Controls

For open systems where contact is likely, wear safety glasses with side shields, long sleeves, and chemical resistant gloves. Where contact may occur, wear safety glasses with side shields. Where concentrations in air may exceed the limits given in this Section and engineering, work practice or other means of exposure reduction are not adequate, NIOSH/MSHA approved respirators may be necessary to prevent overexposure by inhalation.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 General Information

Physical State:	Liquid
Colour:	Clear to Pinkish
Odour:	Petroleum Odour

9.2 Important Health, Safety and Environmental Information

Product Density:	35.1 API GRAVITY 7.072 LBS/GALLONS
Specific Gravity:	0.8474123
Water Solubility:	wt. % at Deg F: Less than 0.10 at 68
Sulfur:	<15 PPM
RVP:	0.2
Average Viscosity:	@ 90°F (32.2°C): 46cP

10. STABILITY AND REACTIVITY

Stability: Stable
Hazardous Polymerization: Will not occur
Hazardous Decomposition Products: None
Conditions to Avoid Instability: Not Applicable
Conditions to Avoid Hazardous Polymerization: Not Applicable
Materials and Conditions to Avoid Incompatibility: Strong Oxidizing agents

11. TOXICOLOGICAL INFORMATION

Refer to section 4.-FIRST AID MEASURES for available information on potential health effects.

12. ECOLOGICAL INFORMATION

No specific ecological data are available for this product. Refer to Section 6 - ACCIDENTAL RELEASE MEASURES for information regarding accidental releases and Section 15 - REGULATORY INFORMATION for regulatory reporting information.

13. DISPOSAL CONSIDERATIONS

Refer to Sections 5 - FIRE -FIGHTING MEASURES, 6 - ACCIDENTAL RELEASE MEASURES and 15 - REGULATORY INFORMATION for disposal and regulatory information.

14. TRANSPORT INFORMATION

DOT (Department of Transportation U.S. only)

UN: 1268
Class: 3
Shipping Name: Petroleum Distillates, N.O.S.
Packing Group: III

Special Instructions: Combustible Liquid; only shipments in bulk containers of 119 gallons or more in the U.S. are subject to these requirements

IMO/MDG

Special Instructions: Product is not regulated; Flash Point 188.3°F (86.8°C)

IATA

Special Instructions: Product is not regulated; Flash Point 188.3°F (86.8°C)

15. REGULATORY INFORMATION

United States

Clean Water Act/Oil Pollution Act: This product is classified as an oil under Section 311 of the Clean Water Act (40 CFR 110) and the Oil Pollution Act of 1990. Discharge or spills which produce a visible sheen on either surface water, or in waterways/sewers which lead to surface water, must be reported to the National Response Center at (800) 424-8802.

CERCLA: If this product is accidentally spilled, it is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation and Liability Act. We recommend you contact local authorities to determine if there may be other local reporting requirements.

SARA TITLE III: Under the provisions of Title III, Sections 311/312 of the Superfund Amendments and Reauthorization Act, this product is classified into the following hazard categories: Fire. This information may be subject to the provisions of the Community Right-to-Know Reporting Requirements (40 CFR 370) if threshold quantity criteria are met.

Europe

Classification and Labeling According to EEC Directives
Classification/Symbol: Carc. Cat. 3 R40 / Xn: Harmful
Governing Directive: Dangerous Substances Directive 67/548/EEC
Risk Phrases: R40 – Limited evidence of carcinogenic effects
Safety Phrases: S2 – Keep out of reach from children
S36 – Wear protective clothing
S37 – Wear suitable gloves

Symbol



16. OTHER INFORMATION**Hazard Rating Systems:**

This information is for people trained in: U.S. National Paint & Coatings Association=s (NPCA), Hazardous Materials Identification System (HMIS), National Fire Protection Association (NFPA 704), Identification of the Fire Hazards of Materials

	NPCA-HMIS	NFPA 704	KEY
Health	1	1	4 = Severe
Flammability	2	2	3 = Serious
Instability	0	0	2 - Moderate
			1 = Slight
			0 = Minimal

The information in this data sheet is believed to be accurate. However, each purchaser should make its own test to determine the suitability of the product for its purposes. VISCON MAKES NO WARRANTY, EXPRESS OR IMPLIED, WITH RESPECT TO THE PRODUCT and assumes no responsibility for any risk or liability arising from the use of the information or the product. Statements about the product should not be construed as recommendations to use the product in infringement of any patent. Patent No.US5,906,665

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