

**Safety Data Sheet**  
Commodore Windshield Fluid E

**SECTION I - IDENTIFICATION**



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CHEMTREC :..... (800) 424-9300

**Product Number** 005028  
**Product Name** Commodore Windshield Fluid E  
**Chemical Family** Solvent Blend  
**CAS Number** Multiple  
**Date Prepared** 10/17/2018  
**Revision Number**  
**Recommended Use** Industrial Use Only

**SECTION II - HAZARDOUS IDENTIFICATION**

**GHS CLASSIFICATION:**

**Classification**

Flammable Liquids	Category 2
Acute Toxicity, Oral	Category 4
Acute Toxicity, Dermal	Category 3
Acute Toxicity, Inhalation	Category 4
Specific target organ toxicity, single exposure	Category 1

**DANGER!**

**GHS LABEL:**



**Hazard Statements**

H225	Highly flammable liquid and vapor
H302	Harmful if swallowed
H311	Toxic in contact with skin
H332	Harmful if inhaled
H370	Causes damage to organs

# Safety Data Sheet

## Commodore Windshield Fluid E

### Precautionary Statements

P210	Keep away from heat, hot surfaces, sparks, open flames, and other ignition, sources. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/light/.../ equipment, etc.
P242	Use only non-sparking tools.
P243	Take precautionary measures to prevent static discharge.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash... thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302+352	IF ON SKIN: Wash with plenty of soap and water.
P303+361+353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water or shower.
p304+340	IF INHALED: Remove victim to fresh air and keep comfortable for breathing.
P308+311	IF exposed or concerned: Call POISON CENTER/doctor/physician
P312	Call a POISON CENTER or a doctor/physician if you feel unwell.
P321	Specific treatment (see below).
P330	Rinse mouth.
P362+364	Take off immediately all contaminated clothing and wash it before reuse.
P370+378	In case of fire: Use appropriate media to extinguish.
P403+235	Store in a well ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local and national regulations.

### SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS

The precise composition of this product is proprietary information. In the event of a medical emergency, a complete disclosure will be provided to medical personnel.

Component Name	CAS #	Component%	OSHA PEL	ACGIH TLV
Methanol	67-56-1	28-29	200 ppm(Skin)	200 ppm(Skin)

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Water	7732-18-5	71-72	Not Established	Not Established
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**SECTION IV - FIRST AID MEASURES**

**Contact with eyes:** Flush with water for 15 minutes. Seek immediate medical attention.

**Skin contact:** Wash exposed areas with water and mild soap. Remove contaminated clothing immediately and launder before reuse. If irritations persist, seek immediate medical attention.

**Inhalation:** Remove victim to fresh air. Administer oxygen or artificial respiration if breathing is affected or stopped. Seek immediate medical attention.

**Ingestion:** Rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. If conscious and alert, give 2 to 4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**SECTION V - FIREFIGHTING MEASURES**

**Suitable Extinguishing Media:** Water fog, foam, CO2, dry chemical.

**Special Fire Fighting Procedures** Use self-contained breathing apparatus and full bunker gear in fire areas. Evacuate all unprotected personnel from area. Keep containers cool with water fog to minimize swelling taking care not to spread flames with water used for cooling.

**Unusual Fire Fighting Hazards:** Product is flammable and may be ignited by heat, sparks, flames or other sources of ignition (e.g., static electricity, pilot lights or mechanical/electrical equipment). Vapors are heavier than air and may accumulate in low areas. Vapors may travel considerable distances to a source of ignition where they can ignite, flashback or explode. May create vapor/air explosion hazard indoors, outdoors or in sewers. If container is not properly cooled, it can explode in the heat of a fire.

**SECTION VI - ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** Keep all sources of ignition and hot metal surfaces away from spill or release.  
Evacuate all unprotected personnel from the area.

**Environmental Precautions:** Prevent liquid from entering drains, sewers or waterways.  
Contain spill if it can be done with minimal risk.

**Methods for Cleaning Up:** Use foam on spills to minimize vapors.  
Using only non-sparking tools and explosion proof equipment, collect spill on absorbent material and put into approved container.

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**SECTION VII - HANDLING AND STORAGE**

- Handling and Storage:**
- Vent container carefully before opening.
  - Bond and ground all equipment when transferring from one vessel to another. The use of explosion-proof equipment is recommended.
  - "Empty" containers retain residue and/or vapor and may be dangerous. Do not cut, weld, braze solder, drill, grind or expose such containers to heat, flames, sparks, or other ignition sources.
  - Keep containers tightly closed when not in use.
  - Avoid prolonged breathing of mist or vapor. Wash thoroughly after handling.

**SECTION VIII - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION**

**EXPOSURE LIMITS:**

Component Name	CAS #	OSHA PEL	ACGIH TLV
Methanol	67-56-1	200 ppm(Skin)	200 ppm(Skin)
Water	7732-18-5	Not Established	Not Established

**Engineering Controls:** Adequate local or mechanical to reduce vapor or mist to below the PEL or TLV.

**Monitoring:** Follow accepted work practices for handling a flammable material.  
Do not eat, drink or smoke in areas where this chemical is used or stored.  
Have eye wash stations and safety showers readily available.

**Personal Protective Equipment (PPE)**

**Eye Protection:** Safety glasses with side-shields. Wear chemical splash goggles with faceshield when there is the potential for exposure of the eyes to liquid, vapor or mist.

**Skin Protection:** Impervious solvent resistant gloves.  
Impervious apron and work boots recommend where splashing may occur.

**Respiratory Protection:** Use the proper respirator in areas where the chemical exposure is unknown or above the OSHA PEL or ACGIH TLV.

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

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<b>Appearance</b>	Clear, Light Blue Liquid
<b>Odor</b>	Characteristic Alcohol Odor
<b>pH@25°C</b>	Not determined
<b>Melting/Freezing Point</b>	Not determined
<b>Flashpoint</b>	< 95°F; For Based on Methanol concentration
<b>Specific Gravity</b>	0.933
<b>Solubility</b>	Complete
<b>Auto-Ignition Temperature</b>	Not determined
<b>Decomposition Temperature</b>	Not determined
<b>VOC Content</b>	<29% (7.78 lb/gal)
<b>Odor Threshold</b>	Not determined
<b>Boiling Range</b>	Not determined
<b>Evaporation Point</b>	Not determined
<b>Flammable Limits - Upper</b>	Not determined
<b>Flammable Limits - Lower</b>	Not determined
<b>Vapor Pressure</b>	Not determined
<b>Vapor Density (Air=1)</b>	Not determined
<b>Viscosity</b>	Not determined

**SECTION X - STABILITY AND REACTIVITY**

**Stability:** Stable

**Conditions to Avoid:** Extreme heat and ignition sources.

**Hazardous Decomposition/Byproducts:** CO, CO<sub>2</sub>, and noxious smoke under extreme fire conditions

**Hazardous Polymerization:** Will not occur.

**Polymerization Conditions to Avoid:** None

**Incompatibilities:** Strong acids and bases, strong oxidizers

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**SECTION XI - TOXICOLOGICAL INFORMATION**

**Likely Route of Exposure:** Contact and inhalation; ingestion possible.

**Inhalation:** Low to moderate degree of toxicity by inhalation.  
May cause respiratory tract irritation. Inhalation of vapors may cause drowsiness and dizziness.

**Eye Contact:** Causes eye irritation including stinging, watering and redness which may result in corneal injury.

**Skin Contact:** Contact may cause mild skin irritation including redness, burning and drying/cracking of the skin.  
Repeated or prolonged contact with large amounts of this material may result in absorption through the skin to produce toxic effects.

**Ingestion:** Aspiration hazard. Can enter the lungs during swallowing or vomiting and cause chemical pneumonia and edema.  
Moderate to high degree of toxicity by ingestion. May be harmful or fatal if swallowed.

**Acute Toxicity Value:** See Health Hazards below.

**Chronic (Long Term) Effects:** See Health Hazards above.

**Toxicity:**

Component Name	LD50	LC50
Methanol	Oral-Rat-1,187 - 2,769 mg/kg; Dermal-Rabbit-17,100 mg/kg	Inhalation-Rat-4 H-128.2 mg/l
Water	Not Established	Not Established

**Reproductive Effects** Not determined

**Teratogenicity** Not determined

**Mutagenicity** Not determined

**Embryotoxicity** Not determined

**Sensitization to Product** Not determined

**Synergistic Products** Not determined

**Carcinogenicity** Not determined

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**SECTION XII - ECOLOGICAL INFORMATION**

**Ecotoxicity:** LC50 - Pimephales promelas (fathead minnow) - 96 hours: 29,400 mg/l (For major component Methanol)  
EC50 - Daphnia magna (water flea) - (Static) 24 hour: 23,500 mg/l (For major component Methanol)

**Mobility:** This material is expected to have high mobility in soil.

**Degradability:** Information not available.

**BioAccumulation:** No bioaccumulation is to be expected.

**SECTION XIII - WASTE DISPOSAL CONSIDERATIONS**

Dispose of in accordance with local, state and federal regulations.

**SECTION XIV - TRANSPORT INFORMATION**

**DOT SHIPPING INFORMATION**

**Proper Shipping Name:** Flammable Liquid, n.o.s.

**Contains:** (Methanol)

**Hazard Class and Label:** 3

**Identification Number:** UN1993

**Packaging Group:** III

**Other Shipping Info:**

**SECTION XV - REGULATORY INFORMATION**

**TSCA STATUS:**..... The components of this product are listed on the TSCA Inventory

**SARA TITLE III SECTION 302/304 EXTREMELY HAZARDOUS SUBSTANCE:**

No chemicals in this material are subject to the reporting requirements.

**SARA TITLE III SECTION 311/312 HAZARD CATEGORIZATION:**

Acute	Chronic	Fire	Pressure	Reactive
X		X		

**SARA TITLE III SECTION 313 SUPPLIER INFORMATION:**

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Component Name	CAS #	% by wt.
Methanol	67-56-1	28-29

**CERCLA SECTION 102(a) HAZARDOUS SUBSTANCE:**

Component Name	CAS #	% by wt.	RQ (lbs.)
Methanol	67-56-1	28-29	5,000

**CALIFORNIA PROPOSITION 65:**

“WARNING” 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](http://www.P65Warnings.ca.gov).

**SECTION XVI - OTHER INFORMATION**

**HMIS Health:** ..... 2  
**HMIS Flammability:** ..... 3  
**HMIS Reactivity:** ..... 0

**Additional:**

**Specification Information**

**Department issuing data sheet:** Regulatory Affairs  
**Email address:** [rcoats@chemsolv.com](mailto:rcoats@chemsolv.com)  
**Training necessary:** Hazard Communication

**Disclaimer:**

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