



## Section 1: Chemical Product and Company Identification

**Part Number(s):** 10952219, 10952719  
**Description:** ACDelco Spray Cleaner, 625 mL, 4 L  
**Manufacturer / Supplier:** Shrader Canada Limited  
**Address:** 830 Progress Court, Oakville, Ontario L6L 6K1  
**Revision Date:** 2013-08-01  
**Product Use:** Cleaner  
**Chemical Family:** Aqueous Solution

## Section 2: Composition/Information on Ingredients

Component Name:	%	LD50 and LC50	ACGIH TWA	Ecotoxicity - Aquatic Toxicity
2-Butoxyethanol 111-76-2	1-5	Inhalation LC50 Rat: 2.21 mg/L 4h Dermal LD50 Rabbit: 220 mg/kg Dermal LD50 Rat: 2270 mg/kg Inhalation LC50 Rat: 450 ppm 4h Oral LD50 Rat: 470 mg/kg	= 20 ppm TWA	LC50 (24 h) goldfish: 1650 mg/L. Cond: LC50 (96 h) bluegill: 1490 mg/L. Cond: static LC50 (24 h) water flea: 1720 mg/L
Tetrapotassium pyrophosphate 7320-34-5	1-5	Dermal LD50 Rabbit: 4640 mg/kg	Not available	LC50 (96 h) rainbow trout: 100 mg/L. Cond: EC50 (48 h) water flea: 100 mg/L

## Section 3: Hazards Identification

**Ingestion:** May cause a burning sensation and possible tissue damage of the mucous membranes and the digestive tract.

**Inhalation:** High concentrations are irritating to the eyes, nose, throat and lungs.

**Skin Contact:** Skin irritant.

**Eye Contact:** Severely irritating. If not removed promptly, will injure eyes which may result in permanent damage.

**Chronic Effects:** Based on animal studies, chronic overexposure to 2-Butoxyethanol may cause liver, kidney and blood damage but is highly unlikely with normal longterm industrial usage.

## Section 4: First Aid Measures

**Ingestion:** Do not induce vomiting. Never give anything by mouth if victim is rapidly losing consciousness, is unconscious or is convulsing. Drink two glasses of water. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Obtain medical attention immediately.

**Inhalation:** If inhaled, remove to fresh air. If breathing is difficult give oxygen. If not breathing give artificial respiration and get medical attention immediately.

**Skin Contact:** Remove contaminated clothing and launder before reuse. Wash with soap and water. Seek medical attention if irritation persists.

**Eye Contact:** Immediately flush eyes with large amounts of water for 30-60 minutes. Remove contact lenses, if any, after the initial flushing and then continue flushing. Get immediate medical attention.

## Section 5: Fire Fighting Measures

**Flash Point (°C):** Aqueous solution.  
**Flame Projection:** Not Applicable  
**NFPA Classification:** Not Applicable  
**Lower Explosive Limit:** Not Available  
**Upper Explosive Limit:** Not Available  
**Autoignition Temp. (°C):** Not Available

**Sensitivity to Mechanical Impact:**  
Not Available

**Conditions of Flammability:**  
Essentially non-flammable.

**Sensitivity to Static Discharge:**  
Not Available

**Hazardous Combustion:**  
Carbon dioxide, carbon monoxide and other unidentified organic compounds.

**Extinguishing Media:**  
Alcohol foam or water fog for large fires. Carbon dioxide or dry chemical for small fires. Use water spray to cool fire exposed containers and prevent bursting. Do not use a direct stream of water. Use extinguishing media for surrounding fire.

## Section 6: Accidental Release Measures

**Leak or Spill Procedures:**  
Wear acid resistant protective clothing and respiratory equipment. Stop leak if it is possible. Eliminate ignition sources. Contain the spill by diking. Neutralize. Absorb spilled product with an inert absorbant material. Scrape or shovel into containers. Avoid contamination of sewers and waterways with non-neutralized materials.

## Section 7: Handling and Storage

**Handling Procedures:**  
Use with adequate ventilation. Avoid breathing vapours or mist. Avoid skin and eye contact. Use good personal hygiene. Wear all appropriate personal protective equipment during use. Avoid smoking, eating, and drinking during use. Wash with soap and water after handling. Containers of this material may contain hazardous residues when emptied.

**Storage Requirements:**  
Keep away from children. Keep containers tightly closed when not in use. Keep from freezing.

## Section 8: Exposure Controls / Personal Protection

**Respiratory:** Not normally required. If the TLV is exceeded, a NIOSH-approved respirator is advised.  
**Gloves:** Neoprene. Nitrile gloves. Natural Rubber.  
**Eyewear:** Safety glasses. Contact lenses should not be worn. They may contribute to the severity of the injury.  
**Clothing:** Sufficient clothing to prevent skin contact.  
**Ventilation:** Sufficient mechanical ventilation to maintain exposures below the TLV. General mechanical ventilation is not recommended as the sole means of controlling exposure. Make-up air should always be supplied to balance air exhausted.  
**Other protective equipment:** Emergency showers and eyewash facilities should be nearby. The selection of personal protective equipment will vary depending on the conditions of use.

## Section 9: Physical and Chemical Properties

**Physical State:** Liquid

## Section 9: Physical and Chemical Properties

Color:	Clear / Colorless
Odour:	Pine
Vapour Density (Air=1):	Not Available
VOC %:	3.5 %
pH:	12.9
Solubility in Water:	Completely
Specific Gravity (H2O=1):	1.020 @ 15°C
Viscosity:	< 14cSt @ 40°C

## Section 10: Stability and Reactivity

### Conditions of Instability:

Stable at ambient and moderately elevated temperatures and pressures.

### Hazardous Polymerization:

Hazardous polymerization will not occur.

### Hazardous Decomposition:

See hazardous combustion products.

### Incompatible Materials:

Avoid strong acid and strong oxidizers.

### Conditions of Reactivity:

Avoid contact with incompatible materials.

## Section 11: Toxicological Information

### Irritancy of Product:

Eye and skin irritant.

### Sensitization to product:

Contains no known skin or respiratory sensitizers.

### Carcinogenicity:

No components are listed as carcinogens by ACGIH, IARC, OSHA, or NTP.

### Reproductive Effects:

Not Available

### Teratogenicity:

Not Available

### Mutagenicity:

Not Available

### Synergistic Products:

Not Available

## Section 12: Ecological Information

**Environmental:** May be harmful to aquatic life.

**Biodegradability:** No data available for this product.

## Section 13: Disposal Considerations

**Waste Disposal:** Reuse or recycling should be given priority over disposal under any circumstances. Do not dump unused contents into sewers, on the ground or into any body of water. Destroy by incineration or biological treatment according to applicable legislation. Dispose of in accordance with municipal, provincial and federal regulations.

## Section 14: Transportation Information

**Road shipment:** Not regulated by TDGR.

**Marine shipment:** Not regulated by IMDG.

**Air Shipment:** Not regulated by IATA, ICAO

**Exemption:** None required.

## Section 15: Regulatory Information

**WHMIS:** D2B

**CEPA:** All components are listed on the Domestic Substances List (DSL).

**CPR Compliance:** This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

## Section 16: Other Information

**HMIS Rating:** 301B

**Prepared By:** Regulatory Compliance, Shrader Canada Limited

**Information Tel #:** 800-201-9486, 905-847-0222

**Information Fax #:** 905-847-5404

CANUTEC EMERGENCY: 613-996-6666