

Emergency Telephone #: 1-800-424-9300 (24 Hours) CHEMTREC

## 1. Chemical Product and Company Identification

**Product Name:** Ultrasonic Cleaning Solution

**Description:** Treatment for automotive air conditioning systems

**Company Identification:** UView Ultraviolet Systems Inc.  
1324 Blundell Road  
Mississauga, Ontario, Canada  
L4Y 1M5  
(905) 615-8620 (for inquiries only)

**Issue Date:** Feb 04,2010

## 2. Composition/Information on Ingredients

| Chemical Name                         | CAS Number  | %W   |
|---------------------------------------|-------------|------|
| Isopropyl Alcohol                     | 67-63-0     | <10% |
| Propylene Glycol                      | 57-55-6     | <10% |
| M.i.S.T. Ultrasonic Cleaning Solution | Proprietary | >80% |

(See Section 8 for exposure guidelines)

(See Section 15 for regulatory information)

## 3. Hazards Identification

**WHMIS Classification:** D2B

**HMIS Rating - Health:** 1  
**Flammability:** 0  
**Reactivity:** 0  
**Personal Protection Index:** B

**0 Minimal Hazard, 1 Slight Hazard, 2 Moderate Hazard, 3 Serious Hazard, 4 Severe Hazard**

### Potential Health Effects

**Eye:** Splashes in the eye may cause irritation. May cause burning sensation in eyes.

**Skin:** Prolonged or repeated contact may cause the Propylene Glycol or Isopropyl Alcohol to cause defatting or dermatitis causing the skin to dry and crack, thus resulting in skin irritation.

**Inhalation:** Inhalation may cause irritation to the nose, eyes, throat and upper respiratory tract due to the Isopropyl Alcohol. Inhalation may cause coughing, sneezing, watering of the eyes, fatigue, headaches, drowsiness and dizziness.

**Ingestion:** May be harmful if swallowed. May cause upset stomach, nausea or diarrhea.

## 4. First Aid Measures

**Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Get medical attention if irritation develops or persists.

**Skin Contact:** Remove contaminated clothing and wash affected area immediately with large amounts of soap and water. Get medical attention if irritation develops or persists.

**Inhalation:** If breathing is difficult, remove to fresh air and provide oxygen. Get medical attention if cough or other symptoms persists.

**Ingestion:** Do Not induce vomiting. Contact a physician. Never give anything by mouth to an unconscious person. If swallowed, immediately give 2 glasses of water.

## 5. Fire Fighting Measures

**COC Flash Point:** >100 °C

**Autoignition Temperature:** N/A

**Flammable Limits in Air:** LEL(%): N/A; UEL(%): N/A

**Extinguishing Media:** Use dry chemical, carbon dioxide, foam or water.

**Fire & Explosion Hazards:** No known unusual hazards in a fire/explosion situation.

**Fire Fighting Instructions:** As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear. Contain runoff water. Contaminated extinguishing water must be disposed of in accordance with applicable regulations. Avoid breathing smoke, fumes and decomposition products.

## 6. Accidental Release Measures

**Safeguards (Personnel):** Wear appropriate personal protective equipment.

**Initial Containment:** Contain spilled material. Absorb spills with inert material. Treat or dispose of waste material in accordance with all local, state/provincial and federal regulations. Wash area to prevent slipping.

**Large Spills Procedure:** Contain spilled material. Large spillage should be dammed-off and pumped into containers. Take up the remainder with absorbent material. Treat or dispose of waste material in accordance with all local, state/provincial and federal regulations.

**Small Spills Procedure:** Absorb spills with inert material. Avoid disposal into wastewater treatment facilities. Floor may become slippery. Treat or dispose of waste material in accordance with all local, state/provincial and federal regulations.



## 7. Handling and Storage

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**Handling (Personnel):** Do not get into eyes, on skin or clothing. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. When sampling containers use appropriate personal protective equipment. Use with adequate ventilation.

**Handling (Physical Aspects):** Avoid extreme temperatures. Always keep containers tightly closed to avoid contamination. Avoid contact with strong oxidizing agents.

**Storage Precautions:** Protect containers from physical damage.

## 8. Exposure Controls/Personal Protection

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**Engineering Controls/Ventilation:** Good general ventilation should be sufficient to control airborne levels.

**Eye/Face Protection Requirements:** Wear safety glasses or goggles.

**Skin Protection:** Wear protective gloves to minimize skin contamination. For brief contact, normal work attire should be sufficient. When prolonged or repeated contact could occur, use protective clothing impervious to this material.

**Respiratory Protection Requirements:** Under normal use conditions, with adequate ventilation, no special handling equipment is required.

**Exposure Guidelines:** No information available

## 9. Physical and Chemical Properties:

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Appearance.....: Liquid  
Water Solubility.....: Soluble  
Specific Gravity .....: 1.0 (Water = 1)  
pH.....: 9.5 – 10.5

## 10. Stability and Reactivity

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**Chemical Stability:** Stable under normal conditions of storage and use.

**Incompatibility with Other Materials:** Avoid contact with strong oxidizers, strong acids and strong bases.

**Hazardous Polymerization:** Will not occur

**Hazardous Decomposition Products:** Decomposition will not occur if handled and stored properly. In the case of a fire, oxides of carbon, hydrocarbons, fumes and smoke may be produced.

## 11. Toxicological Information

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No Information Available

## 12. Ecological Information

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No Information Available.

## 13. Disposal Information

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**Waste Disposal:** Unclean empty containers should be disposed of in the same manner as the contents. Treat or dispose of waste material in accordance with all local, state/provincial and federal regulations.

## 14. Transportation Information

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DOT Information: Non-Regulated

TDG Information: Non-Dangerous

## 15. Regulatory Information

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**Miscellaneous Information:** This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA) and the Canadian Domestic Substance List (DSL).

## 16. Other Information

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Reason for issue.....: Revision  
Prepared By .....: Amjad Mousa  
Approval Date.....: Feb 04, 2010

**Additional Information:** The data in this Material Safety Data Sheet relates only to the specific material designate herein. It does not relate to use in combination with any other material or in any process.

**Disclaimer of Liability:** The information is furnished without warranty, expressed or implied, except that it is accurate to the best of our knowledge and belief. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. It is the responsibility of the users to comply with all applicable federal, state/provincial and local laws and regulations.

