

# MATERIAL SAFETY DATA SHEET

## SECTION I - CHEMICAL PRODUCT AND COMPANY INFORMATION

H2O Control Products Inc.  
1123 Lorne Street, Sudbury, ON P3C 4S8  
Tel: (705) 522-5300 Fax: (705) 523-0761  
**PRODUCT TRADE NAME:** H2O Dust Control  
**PREPARATION/REVISION DATE:** April 26, 2007.

---

## SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

Anionic additive in dispersion. All components of this product are on the TSCA and DSL inventories.

---

## SECTION III - PHYSICAL AND CHEMICAL PROPERTIES

**WATER SOLUBILITY:** Insoluble  
**FORM:** Viscous **liquid** (When mixed with water for application)  
**COLOUR:** White  
**ODOR:** None  
**FLASH POINT:** 100C  
**AUTO-IGNITION TEMP:** 200C  
**VAPOUR PRESSURE:** Not applicable  
**pH:** 6-8 @ 5 g/l  
**SPECIFIC GRAVITY:** Not applicable.

---

## SECTION IV - FIRE AND EXPLOSIVE DATA

**GENERAL FIRE HAZARDS:** No recognized fire hazards.  
**FLASH POINT:** 100C  
**FLAMMABILITY CLASSIFICATION:** None  
**EXTINGUISHING MEDIA:** Water, Water fog, CO2, Dry powder.  
**SPECIAL FIREFIGHTING PROCEDURES:** When spilled in liquid form, product creates slippery conditions.  
**FIRE FIGHTING EQUIPMENT:** No special fire fighting equipment required.  
**NFPA RATINGS:** Health: 1 Fire: 1 Reactivity: 0  
**HAZARD SCALE:** 0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

---

## SECTION V - STABILITY AND REACTIVITY DATA

**STABILITY:** Product is stable.  
**HAZARDOUS POLYMERIZATION:** Will not occur.  
**HAZARDOUS DECOMPOSITION:** Thermal composition may produce: Nitrogen oxides (NO<sub>x</sub>), Carbon oxides.

---

## SECTION VI - TOXICOLOGICAL PROPERTIES

**GENERAL PRODUCT INFORMATION:** Not toxic  
**ACUTE TOXICITY:** Oral - Not toxic, LD50/oral/rat: 5000 mg /kg (rat).  
Dermal - Not toxic, LD50/dermal/rat: 2000 mg /kg (rabbit)  
**SKIN IRRITATION:** Not irritating (rabbit = 0.38). The result of testing on human volunteers (Human Patch Test) showed this material to be non-irritating to the skin. PI Test No. TR/337  
**EYE IRRITATION:** The result of in vitro testing on cell cultures showed this material to be only moderately irritating to the eyes. PI Test No. TR/333  
**SENSITIZATION:** Testing on humans and laboratory animals show this material to be non-sensitizing.

---

## SECTION VII - FIRST AID MEASURES

**INGESTION:** Non-toxic by ingestion.  
**EYE:** Rinse thoroughly with plenty of water, even under eyelids. In case of persistent eye irritation consult a physician.  
**SKIN:** Wash off immediately using soap and plenty of water. In case of persistent skin irritation consult a physician.  
**INHALATION:** Move to fresh air.  
**HMS RATINGS:** Health: 1 Fire: 1 Reactivity: 0  
**HAZARD SCALE:** 0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe \*=Chronic hazard

---

## **SECTION VIII – PREVENTATIVE MEASURES**

**HANDLING PROCEDURES:** Avoid contact with skin and eyes. Wash hands before breaks and at end of workday.

**PROTECTIVE MEASURES:** Use caution after contact of product with water as extremely slippery conditions may result.

**PERSONAL PRECAUTIONARY MEASURES:** Use local exhaust if misting occurs. In the absence of mists, natural ventilation is adequate. Wear appropriate respirator if ventilation is insufficient. Wear safety glasses with side-shields, contact lenses are not recommended. Gloves are recommended. No special protective clothing required.

**SPILLS:** Spills after mixing product with water may result in extremely slippery conditions.

**STORAGE:** Store in a dry, cool place (0C-30C). Keep container tightly closed.

**BIOACCUMULATION:** This product is not expected to bioaccumulate.

**WASTE DISPOSAL:** Can be landfilled or incinerated in accordance with Federal, Provincial and Municipal regulations.

**DEGRADABILITY:** 40% after 28 days.

**TRANSPORT:** Not regulated by DOT

---

## **SECTION IX – PREPARATION DATA**

**PREPARED BY:** H2O Control Products Inc., Technical Dept., 2204 Algonquin Road, Sudbury, ON P3E 4Z6

**DATE:** April 26, 2007

**ADDITIONAL NOTES:** Abbreviations

TSCA Toxic Substances Control Act

DSL Domestic Substances List

NFPA National Fire Protection Association

HMIS Hazardous Materials Information System

DOT Department of Transportation

The information presented herein has been compiled from sources considered to be dependable and is accurate to the best of H2O Control Products Inc. knowledge; however, H2O Control Products Inc. makes no warranty whatsoever, expressed or implied, of merchantability or fitness for the particular purpose, regarding the accuracy of such data or the results to be obtained from the use thereof. The conditions or methods of handling, storage, use and disposal of the product are beyond H2O Control Products Inc. control and may be beyond the knowledge of H2O Control Products Inc. For this and other reasons H2O Control Products Inc. assumes no responsibility for injury to recipient or to third persons or for any damage to any property and recipient assumes all such risks. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, H2O Control Products Inc. cannot guarantee that these are the only hazards that exist. It is the sole responsibility of the user to comply with all applicable Federal, Provincial, and Municipal laws and regulations.