

MATERIAL SAFETY DATA SHEET

SECTION I - CHEMICAL PRODUCT AND COMPANY INFORMATION

H2O Control Products Inc.

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PRODUCT TRADE NAME: H2O Dust Control

PREPARATION/REVISION DATE: Jan 11, 2010.

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 (NOx), 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.

HMIS 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., 1123 Lorne Street, Sudbury, ON P3C 4S8

DATE: Jan 11, 2010

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

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