

MATERIAL SAFETY DATA SHEET

SECTION I - CHEMICAL PRODUCT AND COMPANY INFORMATION

H2O Control Products Inc.

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Tel: (705) 522-5300 Fax: (705) 523-0761

PRODUCT TRADE NAME: H2O CORROSION CONTROL

CAS NO: Not Applicable for Mixtures.

SYNONYMS: None.

GENERIC/CHEMICAL NAME: Dielectric Oil Mixture.

PRODUCT TYPE: Corrosion Inhibitor/Mild Lubricant.

WHMIS CLASSIFICATION: D2B

HMS CLASSIFICATION: Health 0; Flammability 1; Reactivity 0

PREPARATION/REVISION DATE: January 10, 2013

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

Dielectric Oil Lubricant Mixture, 100% Volume: Highly Refined Petroleum Oils, Isoparaffinic Hydrocarbons

SECTION III - PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE: N/A

EVAPORATION RATE: N/A

APPEARANCE: Yellow Liquid

ODOR: Mild

DIELECTRIC STRENGTH: 20 KV – 40 KV

VISCOSITY: 20 cSt @ 40 C

BOILING POINT: 204 C / 400 F

SPECIFIC GRAVITY: 0.88 – 0.89

VAPOR DENSITY: N/A

WATER SOLUBILITY: Insoluble.

POUR POINT: -40 F (-40C).

SECTION IV - FIRE AND EXPLOSIVE DATA

FLASH POINT (Typical): 148.89 Deg C, 300 Deg F

CONDITIONS OF FLAMMABILITY: Material may ignite when preheated.

UPPER FLAMMABLE LIMIT: N/A

LOWER FLAMMABLE LIMIT: N/A

EXTINGUISHING MEDIA: CO₂, dry chemical, or alcohol foam. Do not use a direct stream of water. Material will float and could be re-ignited on water.

SPECIAL FIREFIGHTING PROCEDURES: Do not enter confined space without helmet, face-shield, bunker coat, gloves & rubber boots with a self-contained breathing apparatus.

AUTO IGNITION TEMPERATURE: N/A

EXPLOSION DATA: Material does not have explosive properties. Use face shield if splashing or spraying is likely.

RESPIRATORY PROTECTION: Use NIOSH/MSHA approved respirator with a combination organic vapor and high efficiency filter cartridge for entry into a confined space.

SECTION V - STABILITY AND REACTIVITY DATA

STABILITY: Material is stable under normal conditions.

CONDITIONS TO AVOID: Avoid heat & open flames.

INCOMPATIBILITY: Avoid strong oxidizing agents.

POLYMERIZATION: Will not occur.

THERMAL DECOMPOSITION: Thermal decomposition products are highly dependent on combustion conditions. A complex mixture of airborne solids, liquids and gases will evolve when this material undergoes pyrolysis or combustion. Smoke, Carbon Monoxide, Carbon Dioxide and other unidentified organic compounds may be formed upon combustion and other products of incomplete combustion.

SECTION VI – TOXICOLOGICAL PROPERTIES

TOXICITY: Dermal LD₅₀ >2 g/kg (Rabbit) OSHA: Non-Toxic based on components

Oral LD₅₀ >5 g/kg (Rat) OSHA: Non-Toxic based on components

INGESTION: This material may be harmful or fatal if swallowed. DO NOT INDUCE VOMITING. Ingestion may result in vomiting naturally; aspiration (breathing) of vomitus into lungs must be avoided as even small quantities may

result in aspiration pneumonitis. Have victim lean far forward to prevent aspiration. Rinse mouth with small amounts of liquid. Call Physician immediately!

EYE: Liquid is mildly irritating

SKIN: Liquid is mildly irritating. May cause drying or cracking of skin.

CLASSIFICATION: Dielectric Oil. Component (s) of this material listed on the Canadian DSL

SARA: No immediate health, delayed health, fire, pressure or reactivity hazard. No components of this material are on the SARA (313) or (302) list.

OSHA CLASSIFICATION: Hazardous, carries the U.S. occupational exposure limit for mineral oil mist. Standard 29 CFR 1910.1200

OXZONE: Does not contain any Class I or Class II ozone depleting substances.

CHRONIC EFFECTS: Not listed as a carcinogen by IARC or ACGIH-TLV.

SECTION VII - FIRST AID MEASURES

INGESTION: This material may be harmful or fatal if swallowed. DO NOT INDUCE VOMITING. Ingestion may result in vomiting naturally; aspiration (breathing) of vomitus into lungs must be avoided as even small quantities may result in aspiration pneumonitis. Have victim lean forward to prevent aspiration. Rinse mouth with small amounts of liquid. Call Physician immediately!

EYE: Flush immediately with water to remove material. Get medical attention if irritation occurs.

SKIN: Wash with soap and water. Immediately remove contaminated clothing. Get medical attention if irritation develops. Launder contaminated clothing before reuse.

INHALATION: Remove exposed person to fresh air if adverse effects are observed. Provide oxygen if irritation persists or if toxic symptoms are observed, get medical attention.

ADDITIONAL: Note to physician: Treat symptomatically.

SECTION VIII – PREVENTATIVE MEASURES

PROTECTIVE MEASURES: May burn although not readily ignitable. Local exhaust ventilation required.

PERSONAL PRECAUTIONARY MEASURES: Wash with soap and water before eating, drinking, smoking, applying cosmetics or using the laboratory. Dispose of items that cannot be decontaminated, ie leather articles. Use grounded tools, impermeable gloves, Impermeable apron & boots, chemical safety goggles.

STORAGE: Store in a cool, dry, ventilated place. Keep containers closed, do not store in open or unlabeled containers as even emptied containers can still contain explosive vapours. Keep away from open flame and high temperatures. Do not cut, drill, grind, weld or other similar operations near containers.

SPILL MANAGEMENT: For small spills, eliminate ignition sources, wear protective equipment. Prevent spills from entering watercourses or sewers. Soak up with an absorbent material. Seal tightly along with any contaminated earth for proper disposal. For large spills, Remove with vacuum truck or pump into storage vessels.

WASTE DISPOSAL: Do not dispose of wastes in local sewers. Material may be incinerated or delivered to a waste treatment/disposal facility in accordance with Federal, Provincial and Municipal regulations.

SECTION IX – PREPARATION DATA

PREPARED BY: H2O Control Products Inc., Technical Dept., 1123 Lorne Street, Sudbury, ON P3C 4S8

DATE: Jan 10, 2013

ADDITIONAL NOTES: Abbreviations

N/A Not available

IARC International Agency for Research on Cancer

ACGIH American Conference of Governmental Industrial Hygienists

OSHA Occupational Safety & Health Administration – U.S. Department of Labor

SARA Superfund Amendments and Reauthorization Act

DSL Domestic Substances List

TLV Threshold Limit Values

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