

MATERIAL SAFETY DATA SHEET

H₂O PLUS

Section I. Product And Company

Identification Identity:

H₂O Wire EDM Corrosion Inhibitor

Distributed by:
Hirschmann Engineering USA, Inc.
1558 Barclay Blvd.
Buffalo Grove, IL 60089

Section II. HAZARDOUS INGREDIENTS

IDENTITY INFORMATION:

As classified by OSHA communication
29CFR 1910.1200
PHYSICAL HAZARD: NONE
HEALTH HAZARD: NONE

Section III. Physical / Chemical

Characteristics:

Boiling Point: ca 220°
Specific Gravity: (*H₂O* - 1) 1.3
Vapor Pressure: (mm Hg.) N.D.
Evaporation Rate: Butyl Acetate - 1
Melting Point: N.D.
Vapor Density: (A/R - 1) N.D.
Evaporation Rate: (Butyl Acetate) N.D.
Solubility in Water: Complete
Appearance and Odor: Clear, Viscous
liquid/little or no odor

Section IV. Fire & Explosion Hazard Data:

Flash Point: NONE
Flammable Limits: N/A
LEL: N/A
UEL: N/A
Extinguishing Media: Not Applicable
Use Media Suitable for surrounding fire.

Special Fire Fighting Procedures:

Self-Contained Breathing Apparatus with full face piece & protective clothing if involved in a fire of other materials.

Unusual Fire & Explosion Hazardous:

NONE

SECTION V. – Reactivity Data:

STABILITY: Stable

Incapability (Materials to Avoid):

Oxidizing Agents & Strong Concentrated Acids.

Hazardous Decomposition or Byproducts:

Combustion produces carbon dioxide, carbon monoxide

Hazardous Polymerization:

Will not occur

SECTION VI – Health Hazard Data

INGESTION: A single dose is relatively harmless.

EYE: No irritation is likely

SKIN: No skin irritation or sensitization is likely

INHALATION: No toxic effects are known to be associated with breathing the vapors of this material.

Carcinogenicity: No NTP7: No

IARC Monographs: No OSHA regulated: No

SIGNS & SYMPTOMS OF EXPOSURE:

EYES: may cause redness or irritation

INGESTION: May cause gastrointestinal distress

MEDICAL CONDITIONS:

Generally aggravated by exposure

EMERGENCY & FIRST AID PRODEDURES:

SKIN: Wash with water

EYES: Immediately flush with copious amounts of water for at least 15 minutes.

INGESTION: Give 1-2 glasses of water to drink
INHALATION: Remove victim to fresh air. If cough or other respiratory symptoms develop get medical attention.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING & USE:

Steps to take in case material is released or spilled: Soak up liquid with absorbent & shovel into waste container. Wash spilled area with water & flush to a sewer serviced by a waste water treatment facility. Always follow appropriate disposal regulations.

WASTE DISPOSAL METHOD:

Discarded product is not a hazardous waste under RCA 40 CFR 26.

PRECAUTIONS TO TAKE IN HANDLING & STORING:

Store in a cool, dry, well ventilated area away from acids and acid fumes. Containers should be sealed tightly.

OTHER PRECAUTIONS:

Product may congeal below 30°F. However; thawing will bring product back to normal state.

SECTION VIII – CONTROL MEASURES:

Respiratory Protection: If needed use MSHA-NIOSH approved respirator for dusts, mists, and fumes whose TLV is greater than .05mg mg/m3.

VENTILATION: local exhaust is recommended

SPECIAL: N/A Mechanical: N/A Other: N/A

Protective gloves: Avoid prolonged skin contact

Eye protection: Safety glasses

OTHER PROTECTIVE CLOTHING/EQUIPMENT:

Eye washing station in work area

Work/hygienic practices: Normal chemical handling.

**Emergency Telephone Number
Emergency Contact: Peter Knowles
1-847-419-9890**

**MAY BE USED TO COMPLY WITH
OSHA'S HAZARD COMMUNICATION
STANDARD, 29 CFR 1910.1200
STANDARD MUST BE CONSULTED
FOR SPECIFIC REQUIREMENTS.**

June 16, 2005