

MATERIAL SAFETY DATA SHEETInformation Telephone:
252-232-3975**Emergency Telephone:**
1-800-714-5540**I. IDENTIFICATION**

PRODUCT NAME	CorrGUARD - HWE
CHEMICAL NAME	Inorganic Acid Solution
SYNONYMS	Phosphoric Acid
D.O.T. HAZARD CLASS	Corrosive Material
D.O.T. SHIPPING NAME	Corrosive Liquid, n.o.s.
FORMULA	H ₃ PO ₄
EPA REG.	Not Applicable
UN No.	UN1760
CAS No.	7664-38-2

II. PHYSICAL DATA

PHYSICAL STATE	Clear, water white, odorless liquid
BOILING POINT	No Data
FREEZING POINT	-25° C
VAPOR PRESSURE	Not Applicable
SPECIFIC GRAVITY	1.23 @ 20° C
SOLUBILITY IN WATER, WT%	Soluble
VOIATILES VOLUME %	Not Applicable
EVAPORATION RATE	Not Applicable
pH	<1.0

III. HAZARDOUS COMPONENTS GREATER THAN 1%

MATERIAL	PEL	TLV	CAS. NO.	%
Phosphoric Acid	1mg/m ³	1mg/m ³	7664-38-2	40 - 60

This product contains a toxic chemical or chemicals (as listed above) subject to the reporting requirements of Section 313 - Title III of the Superfund Amendments and Reauthorization Act 7 986 and 40 CFR Part 372.

Carcinogenicity Not Listed by NTP, IARC or OSHA

IV. FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY:	Non-flammable Liquid
NORMAL EXTINGUISHING AGENT:	Non Applicable
UNUSUAL FIRE & EXPLOSION HAZARDS:	None

V. REACTIVITY DATA

STABILITY:	Stable
CONDITIONS TO AVOID:	Treat as acid - avoid strong bases
INCOMPATIBILITY:	Aluminum, zinc, mild steel, strong caustic materials
HAZARDOUS COMBUSTION OR HAZARDOUS DECOMPOSITION PRODUCTS:	None

To the best of our knowledge, the information contained herein is accurate. However, CorrTrac Systems Corporation assumes no liability whatsoever for the accuracy or completeness of the information. Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.

IV. HEALTH HAZARD DATA

ACUTE EFFECTS OF EXPOSURE: TLV: No Specific Data PEL: No Specific Data
SWALLOWING: Slightly Toxic
SKIN CONTACT: Slightly Toxic. May cause skin irritation.
INHALATION: No specific Information
EYE CONTACT: May cause eye injury
CHRONIC EFFECTS OF EXPOSURE: No Specific Information
OTHER HEALTH DATA: No Specific Information

EMERGENCY AND FIRST AID PROCEDURES

SWALLOWING: No Specific Information. Consult a physician
SKIN: Flush area with copious amounts of water for 15 minutes. Consult a physician.
INHALATION: Remove to fresh air. Consult a physician.
EYES: Flush area with copious amounts of water for 15 minutes. Consult a physician.

VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
Flush areas with large quantities of water. Spills should be contained to prevent contamination of surface and groundwater supplies.
WASTE DISPOSAL METHOD:
Disposal should be in accordance with Federal, State and Local regulations regarding Zinc and Phosphate.

VIII. SPECIAL PROTECTION INFORMATION

RESPIRATOR PROTECTION None
PROTECTIVE GLOVES Rubber Gloves
VENTILATION None
EYE PROTECTION Chemical workers Goggles
SPECIAL EQUIPMENT Eyewash fountain, safety shower.

IX. SPECIAL PRECAUTIONS

HANDLING AND STORING Store in polyethylene, FRP, epoxy, rubber-lined mild steel, stainless steel containers. PVC Pipe.
OTHER None