

# Safety Data Sheet

## Section 1.

### CHEMICAL PRODUCT SECTION

Product Name: Guardcote Rust Converter  
Number:

Manufacturer: AMI

5142 HWY 166 W  
Carrollton, GA 30117  
PH: 678-821-3273  
FAX 678-821-3255

For Chemical Emergency,  
Call 770-841-5315

Effective Date: 6-16-2009

## Section 2.

### INFORMATION ON HAZARDOUS INGREDIENTS

CHEMICAL	C.A.S. Number	Weight %
Phosphoric Acid	7664-38-2	40%
Water	7732-18-5	60%

Balance Composed of Proprietary Non-Hazardous Material 1-30

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200): Exposure Limits 8 Hours

## Section 3.

### HAZARD IDENTIFICATION

Potential Health Effects:

**Inhalation:** Avoid prolonged exposure.

**Eyes:** Contact with eyes may cause irritation.

**Skin:** Prolonged or repeated contact with skin may cause irritation. **Ingestion:** Call a physician immediately.

## Section 4.

### FIRST AID MEASURES

**Inhalation:** Move to fresh air in case of accidental inhalation of vapors **Eye**

**Contact:** Flush with water for at least 15 minutes. Get immediate medical aid.

**Skin Contact:** Wash off skin and remove contaminated clothing. **Ingestion:** If swallowed, consult a physician immediately. May cause lung damage, consult

a physician immediately. Do not induce vomiting: contains petroleum distillates. Call a physician immediately.

<b>Section 5. FIRE FIGHTING MEASURES</b>
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Flash Point & Method: 50°F

Flammable Limits: LEL: NA UEL: NA

Autoignition Temperature: NA

**Fire Fighting Instructions:** Fire fighters should wear self contained positive-pressure breathing apparatus.

**Fire Fighting Equipment:** Water, synthetic foam, dry chemical, CO<sub>2</sub>. Type BC or ABC

**Hazardous Combustion Products:** Smoke, fumes and oxides of carbon.

<b>Section 6. ACCIDENTAL RELEASE MEASURES</b>
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**Land spill:** Spilled material is slippery. Recover liquid for reprocessing or disposal. Contain spill to prevent release into environment.

**Water spill:** Contain using Peat or some other form of hydrocarbon absorbent. Use a hydrophobic material.

<b>Section 7. HANDLING AND STORAGE</b>
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**Handling:** KEEP OUT OF REACH OF CHILDREN.

Wash thoroughly after handling. Launder contaminated clothing/equipment before reuse.

**Storage Temperatures:** Ambient (40° - 90° F)

**Storage Pressure:** Atmospheric – Keep away from heat

Keep container closed when not in use. Store in cool, well ventilated place out of direct sunlight and away from incompatible materials. (See STABILITY AND REACTIVITY Section 10). Follow all MSD sheet and Label warnings even after container is emptied.

<b>Section 8. EXPOSURE CONTROL / PERSONAL PROTECTION</b>
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**Engineering Controls:** Local Exhaust ventilation acceptable.

**Personal Protection:** Respirator: Not Required

**Hand Protection:** Gloves Recommended: Solvex, Neoprene, Butyl, Buna or Natural Latex are acceptable

**Eye Protection:** Safety Glasses

**Section 9. PHYSICAL AND CHEMICAL PROPERTIES**

Density.....(1.20)	pH.....NA
Boiling Point.....208°F-240°F	% Volatile.....70-80
Freezing Point.....NIF	% Solids..... 20-30
Evaporation Rate 1.8, NButanol = 1	Vapor Density.....NE
Solubility in Water.....Insoluble	Viscosity.....20cps @ 0°C
Molecular Weight.....NA (mixture)	Physical State.....Liquid
Non-Exempt VOC (g/1)..NA	Appearance:.....Clear
Odor.....Hydrocarbon	

**Section 10. STABILITY AND REACTIVITY**

**General:** Stable  
**Incompatible Materials:** None  
**Conditions to Avoid:** None  
**Hazardous Decomposition:** None  
**Hazardous Polymerization:** Will not occur

**Section 11. TOXICOLOGY INFORMATION**

**Results of Component Toxicity Test Performed:**  
Oral toxicity (LD50) : 2000 – 5000 mg/kg (rat) Hydrocarbon  
**Human Experience:** OSHA / NTP / DHHS - This product does not contain chemicals on  
the 11 Report on Carcinogens (RoC) NIOSH: None of the chemicals are listed on the  
NIOSH carcinogen list.

**Section 12. ECOLOGICAL INFORMATION**

No information

**Section 13. DISPOSAL CONSIDERATIONS**

RCRA 40 CFR 261 Classifications:  
As packaged, if this product becomes a waste, it does meet the criteria of a hazardous waste as defied under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, since it has the characteristics of Subpart C and is listed in Subpart D. Federal, State, and Local laws governing disposal of material can differ.  
Ensure proper disposal compliance with proper authorities before disposal.

**Section 14. TRANSPORTATION INFORMATION**

U.S. DOT Information: Basic Description: HAZARDOUS MATERIAL  
Proper Shipping Name: NA  
IATA: Proper Shipping Name: HAZARDOUS MATERIAL  
UN Number: 1294  
Class: 3

**Section 15. REGULATORY INFORMATION**

United States Federal Regulations:  
MSDS complies with the OSHA Hazard Communication Rule, 29 CFR 1910.1200.  
CERCLA/Superfund, 40 CFR 117, 302: **None of the chemicals are Section 302 hazards**  
SARA Superfund and Reauthorization Act of 1986 Title III sections 302, 311,312 and 313:  
Section 302 – Extremely hazardous substances (40 CFR 355): **None of the chemicals are Section 302 hazards ---**  
Section 311/312 – Material Safety Data Sheet Requirements (40 CFR 370): By our hazard evaluation, this product is hazardous.  
Section 313 – List of Toxic Chemicals (40CFR 372): This product does not contain chemicals (at level of 1% or greater) on the 313 list of Toxic Chemicals.  
Toxic Substance Control Act (TSCA): **All substances are TSCA listed.**  
Resource Conservation and Recovery Act (RCRA 40 CFR 261) Subpart C & D:  
**Refer to Section 13 for RCRA classification.**  
Federal Water Pollution Control Act, Clean Water Act, 40 CFR 401.15 (formerly section 307) 40 CFR 116 (formerly section 311) **None of the chemicals are listed --- STATE REGULATIONS:**  
The following chemicals are specifically listed by individual state; other product specific health and safety data in other sections of the MSDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state  
STATE CHEMICAL C.A.S. NUMBER WEIGHT %  
**PA, NJ MA ---None of the chemicals are listed --- California Proposition 65: --- None of the chemicals are on the Proposition 65 list---** INTERNATIONAL REGULATIONS:  
**Canada WHMIS:** This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR. **Europe EINECS Numbers:**– No Eines number

**Sections 16. OTHER INFORMATION**

**LABEL INFORMATION:**

For Shipping Label information refer to section 14

Product label warnings are as follows (Comparable CHIP Safety & Risk phrases are noted):

European risk and Safety Phrases:

- **S2:** Keep out of the reach of children

**NFPA HAZARD RATING:**

(2) Fire (2 ) Health (0) Reactivity

**REVISION DATES, SECTIONS, REVISED BY:**

June 16, 2009, Original release date

**ABBREVIATIONS USED IN THIS DOCUMENT:**

NE – Not Established, NA – Not Applicable, NIF – No Information Found **ABRIDGED**

**LIST OF REFERENCES:**

Code of Federal Regulations (CFR)

The Sigma-Aldrich Library of Regulatory and Safety Data

Chemical Guide and OSHA Hazardous Communication Standard

The Environmental Protection Agency ([www.epa.gov](http://www.epa.gov))

American National Standards Institute

University of Oxford website: <http://physchem.ox.ac.uk/MSDS/#CASnumbers> To the best of our knowledge, the information contained herein is accurate. **However, neither AMI nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.**

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.