

Rust Shield (Rev. 08/29/2023)

SDS Number: AC350G

Revision Date: 8/29/2023

Page 1 of 6

1

## PRODUCT AND COMPANY IDENTIFICATION

### Manufacturer

Wechem, Inc  
5734 Susitna Dr  
Harahan, LA 70123

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**Product Identifier:** Rust Shield (Rev. 08/29/2023)  
**SDS Number:** AC350G  
**Product Code:** AC350  
**Revision Date:** 8/29/2023  
**Product Use:** Rust Remover & Preventer

Emergency Telephone Number:  
INFOTRAC  
1-800-535-5053

2

## HAZARDS IDENTIFICATION

### Classification of the Substance or Mixture

#### GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Health, Acute toxicity, 5 Oral  
Health, Skin corrosion/irritation, 1 B  
Health, Specific target organ toxicity - Single exposure, 3

### GHS Label Elements, Including Precautionary Statements

**GHS Signal Word:** **DANGER**

**GHS Hazard Pictograms:**



#### GHS Hazard Statements:

H303 - May be harmful if swallowed  
H314 - Causes severe skin burns and eye damage  
H335 - May cause respiratory irritation

#### GHS Precautionary Statements:

P103 - Read label before use.  
P260 - Do not breathe dust/fume/gas/mist/vapors/spray.  
P262 - Do not get in eyes, on skin, or on clothing.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P332+313 - If skin irritation occurs: Get medical advice/attention.  
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P311 - Call a POISON CENTER or doctor/physician.  
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
P310 - Immediately call a POISON CENTER or doctor/physician.

### Hazards not Otherwise Classified (HNOC) or not Covered by GHS

**Rust Shield (Rev. 08/29/2023)**

SDS Number: AC350G

Revision Date: 8/29/2023

Page 2 of 6

**Route of Entry:** Ingestion, skin absorption, Inhalation, eyes  
**Inhalation:** Inhalation of generated mist can cause nasal and respiratory irritation or damage to respiratory tract.  
**Skin Contact:** Corrosive: Causes irritation and burning.  
**Eye Contact:** Corrosive: Causes Severe irritation and burning.  
**Ingestion:** Harmful if swallowed.

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredients:		
CAS#	%	Chemical Name:
7664-38-2	40-50%	Phosphoric acid
14960-06-6	<2%	.beta.-Alanine, N-(2-carboxyethyl)-N-dodecyl-, monosodium salt

## 4 FIRST AID MEASURES

**Inhalation:** Remove to fresh air. Resuscitate if necessary. Seek medical attention.  
**Skin Contact:** In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get immediate medical advice/attention.  
**Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get immediate medical advice/attention.  
**Ingestion:** If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get immediate medical advice/attention.

## 5 FIRE FIGHTING MEASURES

**Flammability:** Not determined  
**Flash Point:** None  
**Flash Point Method:** Not Available  
 Extinguishing media: Foam, dry chemical, carbon dioxide, water  
 Special Fire fighting procedures: Use self-contained breathing apparatus if needed.  
 Unusual Fire & Explosion Hazard: None

## 6 ACCIDENTAL RELEASE MEASURES

Neutralize spill with baking soda and flush with water.

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Avoid any contact with the skin and eyes.

Use appropriate Personal Protective Equipment (PPE).

## 7 HANDLING AND STORAGE

**Handling Precautions:** Corrosive liquid. Do not breathe gas/fumes/vapor/spray. Use in well-ventilated areas. Do not get in eyes, on skin, or on clothing. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Handle in accordance with good industrial hygiene and safety practices.

Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

**Storage Requirements:** Corrosive liquid. Handle all containers carefully. Keep out of reach of children.

Keep container tightly closed and in a well-ventilated place. Store locked up.

**Rust Shield (Rev. 08/29/2023)**

SDS Number: AC350G

Revision Date: 8/29/2023

Page 3 of 6

**8**
**EXPOSURE CONTROLS/PERSONAL PROTECTION**
**Engineering Controls:  
Personal Protective  
Equipment:**

Ventilation Requirement: Local exhaust.  
 Respiratory Protection: None required under adequate ventilation.  
 Protective gloves: Chemical resistant, rubber.  
 Eye protection: Safety glasses/goggles/face shield

In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Hygienic work practices: Wash with soap and water before handling food.

Phosphoric acid cas#:(7664-38-2) [40-50%]

Components with workplace control parameters

TWA 1 mg/m<sup>3</sup> USA. ACGIH Threshold Limit Values  
(TLV)

Eye, skin, & Upper Respiratory Tract irritation

STEL 3 ppm USA. ACGIH Threshold Limit Values  
(TLV)

Eye, skin, & Upper Respiratory Tract irritation

TWA 1 mg/m<sup>3</sup> USA. Occupational Exposure Limits  
(OSHA) - Table Z-1 Limits for Air  
Contaminants

TWA 1 mg/m<sup>3</sup> USA. OSHA - TABLE Z-1 Limits for  
Air Contaminants - 1910.1000

STEL 3 mg/m<sup>3</sup> USA. OSHA - TABLE Z-1 Limits for  
Air Contaminants - 1910.1000

TWA 1 mg/m<sup>3</sup> USA. NIOSH Recommended  
Exposure Limits

ST 3 mg/m<sup>3</sup> USA. NIOSH Recommended  
Exposure Limits

**9**
**PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Green liquid

**Physical State:** Liquid

**Spec Grav./Density:** 1.30 +/- 0.1

**pH:** < 1

**Odor:** Characteristic

**Solubility:** Complete

**Vapor Density:** Not available

**VOC:** Not Available

**10**
**STABILITY AND REACTIVITY**

**Chemical Stability:** Stable

**Conditions to Avoid:** Mixture with chlorine bleach, ammonia

**Materials to Avoid:** Alkalis, metals, metal salt, and oxidizers

**Hazardous Decomposition:** Carbon dioxide, Carbon monoxide, oxides of phosphorus

Rust Shield (Rev. 08/29/2023)

SDS Number: AC350G

Revision Date: 8/29/2023

Page 4 of 6

**Hazardous Polymerization:** Will not occur

11

**TOXICOLOGICAL INFORMATION**

Data summary for the components are as follows:

Acute Toxicity:

Phosphoric acid cas#:(7664-38-2) [40-50%]

Information on toxicological effects

Acute toxicity: no data available

Inhalation: no data available

Dermal: no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

RTECS: Not available

burning sensation, Cough, wheezing, laryngitis, Shortness of breath, spasm, inflammation and edema of the larynx, spasm, inflammation and edema of the bronchi, pneumonitis, pulmonary edema, Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin.

Stomach - Irregularities - Based on Human Evidence

Stomach - Irregularities - Based on Human Evidence (Phosphoric acid)

12

**ECOLOGICAL INFORMATION**

Data summary for the components are as follows:

Rust Shield (Rev. 08/29/2023)

SDS Number: AC350G

Revision Date: 8/29/2023

Page 5 of 6

Phosphoric acid cas#:(7664-38-2) [40-50%]

Information on ecological effects

Toxicity: no data available

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: no data available

13

## DISPOSAL CONSIDERATIONS

Dispose of according to local, state or federal regulations.

14

## TRANSPORT INFORMATION

Proper Shipping Name:

For 5, 35, 55 Gal: NA1760, Compounds, Cleaning Liquid, (Phosphoric Acid), 8, PG III

15

## REGULATORY INFORMATION

[%] RQ (CAS#) Substance - Reg Codes

[40-50%] RQ (5000Lbs.) Phosphoric acid (7664-38-2) CERCLA, CSWHS, EPCRAWPC, MASS, NJHS, OSHAWAC, TSCA, TXAIR

[<2%] .beta.-Alanine, N-(2-carboxyethyl)-N-dodecyl-, monosodium salt (14960-06-6) TSCA

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

Regulatory Code Legend

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RQ = Reportable Quantity  
CERCLA = Superfund clean up substance  
CSWHS = Clean water Act Hazardous substances  
EPCRAWPC = EPCRA Water Priority Chemicals  
MASS = MA Massachusetts Hazardous Substances List  
NJHS = NJ Right-to-Know Hazardous Substances  
OSHAWAC = OSHA workplace Air Contaminants  
TSCA = Toxic Substances Control Act  
TXAIR = TX Air Contaminants with Health Effects Screening Level

16

## OTHER INFORMATION

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

N/A = Not available N/D = Not determined



Engineered Chemistries  
SUPERIOR SOLUTIONS

# SDS

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Rust Shield (Rev. 08/29/2023)

SDS Number: AC350G

Revision Date: 8/29/2023

Page 6 of 6

Revision Date: 8/29/2023