

## D-Rust

MSDS Number: RX10G

Revision Date: 3/31/15

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<b>1</b>	<b>PRODUCT AND COMPANY IDENTIFICATION</b>
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### Manufacturer

Wechem, Inc  
5734 Susitna Dr  
Harahan, LA 70123

**Contact:** Ligia M. Hernandez  
**Phone:** 504-733-1152  
**Fax:** 504-733-2218  
**Web:** www.wechem.com

**Product Name:** D-Rust  
**Revision Date:** 3/31/15  
**MSDS Number:** RX10G  
**Product Code:** RX10  
**Product Use:** Rust Neutralizer and Metal Primer

<b>2</b>	<b>HAZARDS IDENTIFICATION</b>
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**Route of Entry:** Inhalation, ingestion, eye, skin  
**Target Organs:** NA  
**Inhalation:** Inhalation of large amounts of mist or vapor may cause nose, throat and lung irritation.  
**Skin Contact:** Prolonged or repeated exposure can cause mild, temporary irritation.  
**Eye Contact:** Direct eye contact may cause slight, temporary irritation.  
**Ingestion:** May cause gastrointestinal irritation, nausea, cramps and vomiting.

PERSONAL PROTECTION INDEX													
<b>A</b>		<b>G</b>		<b>B</b>		<b>H</b>		<b>C</b>		<b>I</b>			
<b>D</b>		<b>J</b>		<b>E</b>		<b>K</b>		<b>F</b>		<b>X</b>	Consult your supervisor or S.O.P. for "SPECIAL" handling directions		
<b>A</b>		<b>n</b>		<b>O</b>		<b>p</b>		<b>q</b>		<b>r</b>		<b>S</b>	
<b>t</b>		<b>u</b>		<b>w</b>		<b>y</b>		<b>z</b>		<b>Additional Information</b>			

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GHS Signal Word:  
WARNING

GHS Hazard Pictograms:



GHS Classifications:

- Health, Acute toxicity, 5 Oral
- Health, Skin corrosion/irritation, 2
- Health, Serious Eye Damage/Eye Irritation, 2 B
- Health, Specific target organ toxicity - Single exposure, 3

GHS Phrases:

- H303 - May be harmful if swallowed
- H315 - Causes skin irritation
- H320 - Causes eye irritation
- 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 - IF SWALLOWED: Do not induce vomiting. Drink one or two glasses of water. Seek medical attention if any irritation develops or persists.
- P302 - IF ON SKIN: Wash with soap and water. Seek medical attention if irritation develops or persists.
- P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305 - IF IN EYES: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritated, seek medical attention.

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### COMPOSITION/INFORMATION ON INGREDIENTS

**Ingredients:**

Hazardous

Cas #	Chemical Name	Perc.	OSHA PEL (ppm)	ACGIH TLV(ppm)	Carcin. Ref.
1401-55-4	Tannic Acid	1-5%	NA	NA	D

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### FIRST AID MEASURES

**Inhalation:** Move victim to fresh air. Get medical attention if symptoms develop or persist.  
**Skin Contact:** Wash off with soap and water. Get medical attention if irritation develops and persists.  
**Eye Contact:** Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritated, seek medical attention.  
**Ingestion:** Do not induce vomiting. Drink one or two glasses of water. Seek medical attention if any irritation persists.

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### FIRE FIGHTING MEASURES

**Flammability:** NA  
**Flash Point:** None. Will not burn  
**Flash Point Method:** NA  
**Burning Rate:** ND  
**Autoignition Temp:** ND  
**LEL:** ND  
**UEL:** ND

Extinguishing media: Foam, dry chemical, carbon dioxide, water fog or water.

Special Fire fighting procedures: Cool drums in vicinity of fire with water fog. Fire fighters should be equipped with full protective gear including self-contained breathing apparatus.

Unusual Fire & Explosion Hazard: None

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### ACCIDENTAL RELEASE MEASURES

Keep unnecessary personnel away. Floor may be slippery. Ventilate area. Contain spill. Soak up spilled material with inert absorbent material and place in properly labeled container for disposal. For personal protection, see section 8 of the SDS.

Avoid release to the environment. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground. For waste disposal, see section 13 of the SDS.

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### HANDLING AND STORAGE

**Handling Precautions:** Store in a cool, dry area. Do not freeze. Keep container tightly closed when not in use. Do not mix with any other chemicals. Store between: Minimum 40 F. Maximum 130 F. Do not eat, drink or smoke while handling material. Wash with soap and water after each use. Observe label instructions.

**Storage Requirements:** Keep out of reach of children. Store in a cool, dry area. Do not freeze. Store between: Minimum 40 F. Maximum 130 F.

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### EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Ventilation Requirement: Not normally required. If in confined space applying by spray, use local ventilation.

**Personal Protective Equip:** HMIS PP, B | Goggles, Gloves  
 Respiratory Protection: Use with adequate ventilation. If recommended exposure limits are exceeded, wear a NIOSH approved respirator.  
 Protective gloves: Chemical resistant.  
 Eye protection: Safety glasses/goggles

Hygienic work practices: Do not eat, smoke, or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking.

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### PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Creamy liquid	<b>Odor:</b>	Low
<b>Physical State:</b>	Liquid	<b>Molecular Formula:</b>	NA
<b>Particle Size:</b>	NA	<b>Solubility:</b>	Soluble
<b>Spec Grav./Density:</b>	(H2O=1): 1.03 +/- 0.05	<b>Softening Point:</b>	NA
<b>Viscosity:</b>	400-500 cps	<b>Percent Volatile:</b>	60%
<b>Sat. Vap. Conc.:</b>	NA	<b>Heat Value:</b>	NA
<b>Boiling Point:</b>	212 Deg. F	<b>Freezing/Melting Pt.:</b>	NA
<b>Vapor Pressure:</b>	NA	<b>Octanol:</b>	NA
<b>pH:</b>	1.5-2.5	<b>Vapor Density:</b>	(Air=1): NA
<b>Evap. Rate:</b>	(Water=1) 1	<b>VOC:</b>	NA
<b>Molecular weight:</b>	NA	<b>Bulk Density:</b>	NA

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### STABILITY AND REACTIVITY

**Stability:** Stable

**Conditions to Avoid:** None known

**Materials to Avoid:** None known

**Hazardous Decomposition:** None known

**Hazardous Polymerization:** Will not occur

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### TOXICOLOGICAL INFORMATION

Data summary for the components are as follows:

Acute toxicity

Tannic Acid (1401-55-4)  
 LD50 Oral - Rat - 2,260 mg/kg

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### ECOLOGICAL INFORMATION

Data summary for the components are as follows:

Aquatic toxicity

Tannic Acid (1401-55-4)

Toxicity to fish

Mortality LOEC - *Oncorhynchus tshawytscha* - 1.7 mg/l - 3 d

LC50 - *Gambusia affinis* (Mosquito fish) - 37 mg/l - 96 h

Mortality NOEC - *Oncorhynchus tshawytscha* - 0.96 mg/l - 3 d

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### DISPOSAL CONSIDERATIONS

Dispose of according to local, state, or federal regulations.

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### TRANSPORT INFORMATION

Proper Shipping Name: Paint Related Material

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### REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

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\* Tannins (1401554 1-5%) TSCA

REGULATORY KEY DESCRIPTIONS

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TSCA = Toxic Substances Control Act

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### 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. \*\* Chemical listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not listed [e] Animal data only  
N/A = Not available N/D = Not determined