

D-Rust (Rev. 12-20-23)

SDS Number: RX10H

Revision Date: 12/20/2023

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PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Wechem, Inc
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Product Identifier: D-Rust (Rev. 12-20-23)
SDS Number: RX10H
Product Code: RX10
Revision Date: 12/20/2023
Product Use: Rust Neutralizer and Metal Primer

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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, 2
Health, Serious Eye Damage/Eye Irritation, 2 B
Health, Specific target organ toxicity - Single exposure, 3

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **WARNING**

GHS Hazard Pictograms:



GHS Hazard Statements:

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.

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

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.

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Ingestion: May cause gastrointestinal irritation, nausea, cramps and vomiting.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredients:		
CAS#	%	Chemical Name:
1401-55-4	1-5%	Tannic Acid

4 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.
 Notes to Physician: No specialized procedures. Treat for clinical symptoms.

5 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

6 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.

7 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.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

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

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Personal Protective Equipment:

 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.

9	PHYSICAL AND CHEMICAL PROPERTIES
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Appearance:	Creamy liquid	Odor:	Low
Physical State:	Liquid	Molecular Formula:	NA
Particle Size:	NA	Solubility:	Soluble
Spec Grav./Density:	(H2O=1): 1.03 +/- 0.05	Softening Point:	NA
Viscosity:	400-500 cps	Percent Volatile:	60%
Saturated Vapor Concentration:	NA	Freezing/Melting Pt.:	Not determined
Boiling Point:	212 Deg. F	VOC:	Not determined
pH:	1.5-2.5		
Evap. Rate:	(Water=1) 1		

10	STABILITY AND REACTIVITY
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Chemical Stability:	Stable
Conditions to Avoid:	None known
Materials to Avoid:	None known
Hazardous Decomposition:	None known
Hazardous Polymerization:	Will not occur

11	TOXICOLOGICAL INFORMATION
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Data summary for the components are as follows:
 Acute toxicity

Tannic Acid cas#:(1401-55-4) [1-5%]

Information on toxicological effects

Acute toxicity:
 Oral LD50 LD50 Oral - rat - 2,260 mg/kg Remarks: Behavioral:Convulsions or effect on seizure threshold. Lungs, Thorax, or Respiration:Dyspnea. Gastrointestinal:Other changes.
 Inhalation LC50 no data available
 Dermal LD50
 Other information on acute toxicity LD50 Intraperitoneal - mouse - 120 mg/kg

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

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Respiratory or skin sensitization: no data available

Germ cell mutagenicity: Genotoxicity in vivo - rat - Oral Unscheduled DNA synthesis

Genotoxicity in vivo - rat - Subcutaneous

Genotoxicity in vivo - mouse - Intraperitoneal DNA inhibition

Carcinogenicity:

Carcinogenicity - rat - Subcutaneous:

Tumorigenic: Equivocal tumorigenic agent by RTECS criteria. Liver: Tumors.

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Tannic acid)

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: Reproductive toxicity - rat - Oral:

Effects on Newborn: Live birth index (# fetuses per litter; measured after birth). Effects on Newborn: Growth statistics (e.g., reduced weight gain).

Reproductive toxicity - rat - Subcutaneous:

Maternal Effects: Ovaries, fallopian tubes.

Reproductive toxicity - mouse - Oral:

Effects on Newborn: Live birth index (# fetuses per litter; measured after birth). Effects on Newborn: Viability index (e.g., # alive at day 4 per # born alive). Effects on Newborn: Weaning or lactation index (e.g., # alive at weaning per # alive at day 4).
no data available

Teratogenicity: no data available

Specific target organ toxicity - single exposure (Globally Harmonized System):

no data available

Specific target organ toxicity - repeated exposure (Globally Harmonized System):

no data available

Aspiration hazard: no data available

Potential health effects: Inhalation May be harmful if inhaled. May cause respiratory tract irritation. Ingestion May be harmful if swallowed. Skin May be harmful if absorbed through skin. May cause skin irritation. Eyes May cause eye irritation.

Signs and Symptoms of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Synergistic effects: no data available

Additional Information:

RTECS: WW5075000

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Data summary for the components are as follows:
Aquatic toxicity

Tannic Acid cas#:(1401-55-4) [1-5%]

Information on ecological effects

Toxicity:

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

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Harmful to aquatic life.

13	DISPOSAL CONSIDERATIONS
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Dispose of according to local, state, or federal regulations.

14	TRANSPORT INFORMATION
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Proper Shipping Name: Paint Related Material

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

[1-5%] Tannic Acid (1401-55-4) 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

TSCA = Toxic Substances Control Act

16	OTHER INFORMATION
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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