

PRO CHEM, INC.

1475 BLUEGRASS LAKES PKWY.
ALPHARETTA, GA 30004
EMERGENCY/INFO # (800) 241-8180
ADDITIONAL EMERGENCY # INFO TRAC 1-800-535-5053

MATERIAL SAFETY DATA SHEET**RUST BUSTER / 2604****DECEMBER 2009****PAGE 1**

HEALTH	1
FIRE	0
REACTIVITY	0
P.P.E.	B

Complies With USDL Safety and Health Regulations, (29 CFR 1910.200)

SECTION 1 – Chemical and Company Identification**CHEMICAL FORMULATION:** Water-based metal treatment**SECTION 2 – Composition on Ingredients**

Values reported as TWA unless noted.

COMPONENT	CAS #	APPROX %	OSHA PEL	ACGIH TLV	EPA 40 CFR		
					302	355	372
Tannic Acid	1401-55-4	1.00-5.00	N/E	N/E	N	N	N
2-Butoxyethanol	111-76-2	1.00-5.00	25 ppm (skin)	25 ppm (skin)	N	N	Y

SECTION 3 – Hazards Information**ROUTES OF ENTRY:** Ingestion, inhalation, eye contact & skin contact.**EFFECTS OF OVEREXPOSURE:****EYE CONTACT:** Moderate irritation and redness.**SKIN CONTACT:** Prolonged or repeated exposure can lead to mild irritation, formation of dark colored stains.**INGESTION:** Gastrointestinal irritation, nausea, cramps, and vomiting. May be harmful or fatal if swallowed.**INHALATION:** May cause respiratory tract irritation, headache, and nausea.**INGREDIENTS THAT ARE DEFINED BY OSHA, NTP, IARC TO BE SUSPECTED HUMAN****CARCINOGENS:** None**SECTION 4 – First Aid Measures****EYE CONTACT:** Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.**SKIN CONTACT:** Wash with soap and water. Remove contaminated clothing and launder separately before reuse. If irritation persists, obtain medical attention.**INGESTION:** Contact physician or poison center immediately. Rinse mouth with water and give person 1 to 2 glasses of water. Never give anything by mouth to an unconscious person.**INHALATION:** Remove person to fresh air.**SECTION 5 – Fire Fighting Measures****FLASH POINT (°F):** N/A **METHOD:** Closed Cup**FLAMMABLE LIMITS IN AIR (VOLUME %):** **UPPER:** N/D **LOWER:** N/D**EXTINGUISHING MEDIA:** Water, foam, carbon dioxide, dry chemical.**SPECIAL FIRE FIGHTING PROCEDURES:** Cool drums in vicinity of fire with water fog. Firefighters should be equipped with full protective gear, including self-contained breathing apparatus.**UNUSUAL FIRE AND EXPLOSION HAZARD:** None**SECTION 6 – Accidental Release Measures****STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Ventilate area and contain the spill. Soak up spilled material with inert absorbent material and place in a properly labeled container for disposal.**SECTION 7 – Handling and Storage****PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store in a cool, dry area. Do not freeze. Keep container tightly closed when not in use. Keep out of reach of children.**SECTION 8 – Exposure Controls/Personal Protection****VENTILATION:** Local: Recommended. Mechanical: Not required.**PERSONAL PROTECTIVE EQUIPMENT:****EYE PROTECTION:** Safety glasses or chemical goggles.**PROTECTIVE GLOVES:** Chemical resistant gloves.**RESPIRATORY PROTECTION:** Use with adequate ventilation. If Recommended Exposure Limits are exceeded, wear a NIOSH approved respirator, following manufacturer's recommendations.**OTHER PROTECTIVE EQUIPMENT:** Eyewash station.**SECTION 9 – Physical and Chemical Properties****BOILING POINT (°F):** N/D **SPECIFIC GRAVITY:** 1.13**VAPOR PRESSURE (mmHg):** N/D **VOC CONTENT (% by weight):** N/D**VAPOR DENSITY (AIR=1):** N/D **EVAPORATION RATE (Water=1):** N/D**SOLUBILITY IN WATER:** Soluble **pH:** 3.00-4.00**APPEARANCE AND ODOR:** Beige, opaque emulsion, bland odor.**SECTION 10 – Stability and Reactivity****STABILITY:** Stable**INCOMPATIBILITY:** Oxidizers, strong alkalis.**CONDITIONS TO AVOID:** None.**HAZARDOUS POLYMERIZATION:** Will not occur.**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition may produce oxides of carbon.**SECTION 11 – Toxicological Information****LD₅₀:** N/D **LC₅₀:** N/D Please refer to Section 3 for available information on potential health effects.**SECTION 12 – Ecological Information**

No specific data is available for this product.

SECTION 13 – Disposal Consideration

Consult local environmental authorities.

SECTION 14 – Transport Information**D.O.T. PROPER SHIPPING NAME:** None.**D.O.T. CLASS:** None.**D.O.T ID NUMBER:** None.**D.O.T. PACKING GROUP:** None.

The shipping information listed above applies only to non-bulk (< 119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging, product properties, and mode of shipment. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may apply.

SECTION 15 – Regulatory Information

No data.

THIS INFORMATION MUST BE ON ALL MSDS'S COPIED AND DISTRIBUTED FOR THIS MATERIAL.

NO WARRANTY IS EXPRESSED/IMPLIED REGARDING THE ACCURACY OF THIS DATA OR RESULTS OBTAINED FROM USE. PROCHEM ASSUMES NO RESPONSIBILITY FOR PERSONAL INJURY OR PROPERTY DAMAGE TO USER. VENDEE/USER ASSUMES ALL RISKS ASSOCIATED WITH USE.

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SECTION 16 – Other Information**HAZARDS RATINGS**

	NFPA	KEY
HEALTH	1	4 = Extreme
FLAMMABILITY	0	3 = High
REACTIVITY	0	2 = Moderate
OTHER	None	1 = Slight 0 = Insignificant

MSDS LEGEND:

ACGIH = American Conference of Governmental Industrial Hygienists

C= Ceiling level

CAS = Chemical Abstract Service

N/A = Not Applicable

N/D = Not Determined

N/E = Not Established

NFPA = National Fire Protection Association

OSHA = Occupational Safety and Health Administration

PEL = Permissible Exposure Limit (OSHA)

STEL = Short Term Exposure Limit (15 minute exposure)

TLV = Threshold Limit Value (ACGIH)

TWA = Time Weighted Average (8 hour exposure)

302= CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)

355= SARA TITLE III / List of Extremely Hazardous Substances for Emergency planning and

Notification (40 CFR 355)

372= SARA TITLE III / List of Toxic Chemicals Subject to Release Reporting (Community Right to

Know) (40 CFR 372)

Y=YES

N=NO

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