

# RUST BUSTER #2604

## Rust Control Neutralizer



### Features:

- Prepares metal surfaces to accept paint
- No sandblasting, grinding or etching required
- Water-based, non-flammable formula
- Converts rust into a durable, long lasting, protective coating
- Ready-to-use – no thinning required

### Description:

RUST BUSTER is a water-based solution containing penetrants and a polymeric barrier coating that chemically neutralizes rust into a neutral, organic protective coating. Dried RUST BUSTER is an excellent primer for all types of industrial and automotive topcoats. This product is less toxic than most latex paints and may be used safely indoors or outdoors. It converts iron oxide into a black protective coating that seals out moisture and prevents further corrosion. This tough primer extends paint life up to five times longer than normal.



### Applications:

- Machinery
- Cars
- Decorative Metal
- Trucks
- Structural Steel
- Snow Removal Equipment

### Product Characteristics:

Appearance:	Beige, opaque emulsion
Odor:	Bland odor
pH:	1.5 – 3
Specific Gravity:	1.13 g/ml
Solubility (water):	Soluble.
Flash Point:	> 200°F
VOC:	< 3%
Viscosity:	No data available
Storage:	Keep container closed when not in use. Keep only in original container. Store in a cool area. Store in a well-ventilated area.
<b>Transport Information:</b>	
Proper Shipping Name:	Not regulated for transport
UN Number:	Not regulated for transport
Class:	Not regulated for transport

### Directions:

Shake or stir well. Remove large rust and scale particles with a wire brush or sandpaper. Clean the surface thoroughly to remove dirt, dust and grease. Use on dry or damp rusted metal surfaces. Do not apply if surface temperature is below 50°F. Apply a coating using a brush or roller or by dipping. Use soap and water for cleanup. Dries to a tack free finish in 20 minutes, after which a second coat can be applied. One gallon will treat up to 300 sq. feet or 500 sq. feet per gallon on smooth non-porous surfaces. Let cure for 48 hours before ready to apply oil-based paint.

*Note: This product will not withstand freezing temperatures or temperatures above 100°F. Do not use with water-based paints.*

### DOT Placard:

Not regulated for transport.

### VOC Compliant:

Yes.

### Pictograms:

NOT A CONTROLLED



PRODUCT UNDER GHS

### Signal Word:

None.

### Personal Protective Equipment Required:

Use appropriate personal protective equipment when risk assessment indicates this is necessary.






# SAFETY DATA SHEET

## 1. Product and Company Identification

<b>PRODUCT NUMBER:</b>	2604	<b>COMPANY PHONE:</b>	1-800-241-8180
<b>PRODUCT NAME:</b>	RUST BUSTER	<b>EMERGENCY TELEPHONE:</b>	1-800-241-8180
<b>PRODUCT DESCRIPTION:</b>	Rust Control Neutralizer	<b>INFOTRAC:</b>	1-800-535-5053
<b>COMPANY INFORMATION:</b>	<b>PRO CHEM, INC.</b> 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

## 2. Hazards Identification

<b>GHS CLASSIFICATION:</b> Not classified.	<b>SIGNAL WORD:</b> None	<b>SYMBOL:</b>	
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### HAZARD STATEMENTS:

No additional information available.

### OTHER HAZARDS:

No additional information available.

### UNKNOWN ACUTE TOXICITY (GHS US):

Not applicable.

Full text of H-phrases: See Section 16.

## 3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	% BY WEIGHT	CLASSIFICATION (GHS-US)
Glycol Ether EB	111-76-2	1-5	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Asp. Tox. 1, H304

A specific chemical identity and/or percentage of composition has been withheld as a trade secret. Any concentration shown as a range is to protect confidentiality or is due to batch variation.

## 4. First Aid Measures

### EMERGENCY OVERVIEW

**GENERAL:** If you feel unwell, seek medical advice (show the label where possible).

**EYES:** Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing.

**SKIN:** Rinse skin with water/shower.

### INHALATION:

Get medical advice/attention if you feel unwell. Remove the victim into fresh air.

### INGESTION:

Rinse mouth with water. Do NOT induce vomiting.

### MOST IMPORTANT SYMPTOMS AND EFFECTS(both acute and delayed):

**Symptoms/injuries:** Not expected to present a significant hazard under anticipated conditions of normal use.

**Symptoms/injuries after inhalation:** None under normal use.

**Symptoms/injuries after skin contact:** Repeated exposure may cause skin dryness or cracking.

**Symptoms/injuries after eye contact:** Direct contact with the eyes is likely irritating.

**Symptoms/injuries after ingestion:** Abdominal pain.

### INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

Treat symptomatically.

## 5. Fire-Fighting Measures

### SUITABLE FIRE EXTINGUISHING MEDIA:

All extinguishing media allowed.

### SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Upon combustion: CO and CO<sub>2</sub> are formed.

### SPECIFIC FIRE-FIGHTING METHODS:

Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Take account of environmentally hazardous firefighting water.

### SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Do not enter fire area without proper protective equipment, including respiratory protection.

## 6. Accidental Release Measures

### PERSONAL PRECAUTIONS:

**General Measures:** Isolate from fire, if possible, without unnecessary risk.

**Nonemergency People:**

Protective Equipment: Protective goggles. Gloves. Protective clothing.

Emergency Procedures: Evacuate unnecessary personnel. Avoid contact with skin, eyes and clothing. Ventilate spillage area.

**Emergency Responders:**

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Stop leak if safe to do so. Stop release. Ventilate area.

#### ENVIRONMENTAL PRECAUTIONS:

Avoid release to the environment. Prevent entry to sewers and public waters.

#### METHODS AND MATERIAL FOR CONTAINMENT AND CLEANUP:

Containment: Contain released substance, pump into suitable containers.

Cleanup: This material and its container must be disposed of in a safe way, and as per local legislation.

#### REFERENCE TO OTHER SECTIONS:

No additional information available.

### 7. Handling and Storage

#### SAFE HANDLING:

Comply with the legal requirements. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not eat, drink, or smoke when using this product. Do not get in eyes, on skin, or on clothing.

#### HYGIENE MEASURES:

Wash thoroughly after handling. Wash contaminated clothing before reuse.

#### SAFE STORAGE:

Technical Measures: Comply with applicable regulations.

Storage Conditions: Keep container closed when not in use. Keep only in original container.

Storage Area: Meet the legal requirements. Store in a cool area. Store in a well-ventilated place.

Special Rules on Packaging: Meet the legal requirements.

### 8. Exposure Controls / Personal Protection

#### CONTROL PARAMETERS:

Glycol Ether EB (111-76-2)

ACGIH	ACGIH TWA (ppm)	20 ppm
ACGIH	Remark (ACGIH)	Eye & URT irr
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	240 mg/m <sup>3</sup>
OSHA	OSHA PEL (TWA) (ppm)	50 ppm

#### PERSONAL PROTECTIVE EQUIPMENT:

Gloves. Safety glasses. Protective clothing. Use appropriate personal protective equipment when risk assessment indicates this is necessary.



### 9. Physical & Chemical Properties

Appearance:	Beige, opaque emulsion.	Flammability(solid/gas):	No data available.
Physical State:	Liquid.	Boiling Point:	No data available.
Odor:	Bland odor.	Flash Point:	>200°F
Odor Threshold:	No data available.	Explosive Limits:	No data available.
pH:	1.5-3	Explosive Properties:	No data available.
Melting Point:	No data available.	Vapor Pressure:	No data available.
Freezing Point:	No data available.	Relative Vapor Density(20°C):	No data available.
Relative Evaporation Rate (butyl acetate=1):	No data available.	Relative Density:	No data available.
Viscosity:	No data available.	Solubility (water):	Soluble.
Specific Gravity:	1.13 g/ml	Auto-Ignition Temperature:	No data available.
Log Pow:	No data available.	Decomposition Temperature:	No data available.
Log Kow:	No data available.	Oxidizing Properties:	No data available.
Viscosity(kinematic):	No data available.	Viscosity (dynamic):	No data available.
VOC:	<3%		

### 10. Stability & Reactivity Information

#### REACTIVITY:

Upon combustion: CO and CO<sub>2</sub> are formed.

#### CHEMICAL STABILITY:

No additional information available.

#### POSSIBILITY OF HAZARDOUS REACTIONS:

Refer to Section 10 on Reactivity.

#### INCOMPATIBLE MATERIALS:

No additional information available.

#### CONDITIONS TO AVOID:

No additional information available.

#### HAZARDOUS DECOMPOSITION PRODUCTS:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### 11. Toxicological Information

#### ACUTE TOXICITY:

Not classified.

**Glycol Ether EB (111-76-2)**

LD50 oral rat	1300 mg/kg
LD50 dermal rat	> 2000 mg/kg
ATE CLP (oral)	1300.000 mg/kg body weight
ATE CLP (dermal)	1100.000 mg/kg body weight
ATE CLP (dust, mist)	1.500 mg/l/4 h

**SKIN CORROSION/IRRITATION:**

Not classified.

pH: 1.5 - 3

**SERIOUS EYE DAMAGE/IRRITATION:**

Not classified.

pH: 1.5 - 3

**RESPIRATORY OR SKIN SENSITIZATION:**

Not classified.

**GERM CELL MUTAGENICITY:**

Not classified

**CARCINOGENICITY:**

Not classified

**Glycol Ether EB (111-76-2)**

IARC group: 3 - Not Classifiable.

**REPRODUCTIVE TOXICITY:**

Not classified.

**SPECIFIC TARGET ORGAN TOXICITY (single exposure):**

Not classified.

**SPECIFIC TARGET ORGAN TOXICITY(repeated exposure)**

Not classified.

**Glycol Ether EB (111-76-2)**

NOAEL (oral, rat, 90 days): See comments.

NOAEL (dermal, rat/rabbit, 90 days): See comments.

**ASPIRATION HAZARD:**

Not classified.

**SYMPTOMS/INJURIES AFTER INHALATION:**

None under normal use.

**SYMPTOMS/INJURIES AFTER SKIN CONTACT :**

Repeated exposure may cause skin dryness or cracking.

**SYMPTOMS/INJURIES AFTER EYE CONTACT:**

Direct contact with the eyes is likely irritating.

**SYMPTOMS/INJURIES AFTER INGESTION:**

Abdominal pain.

**LIKELY ROUTES OF EXPOSURE:**

Dermal.

**12. Ecological Information****TOXICITY:****Glycol Ether EB (111-76-2)**

LC50 fish 1	1474 mg/l Oncorhynchus mykiss
EC50 Daphnia 1	100 mg/l Water flea
ErC50 (algae)	1840 mg/l Pseudokirchneriella subcapitata
NOEC chronic fish	> 100 mg/l
NOEC chronic crustacea	100 mg/l daphnid

**PERSISTENCE AND DEGRADABILITY:**

No additional information available.

**BIOACCUMULATIVE POTENTIAL:**

No additional information available.

**13. Disposal Consideration**

Dispose of contents/container to comply with local/regional/national/international regulations.

**14. Transportation Information****DEPARTMENT OF TRANSPORTATION (DOT)**

In accordance with DOT: Not regulated for transport.

**ADDITIONAL INFORMATION:**

No supplementary information available.

**ADR:** No additional information available.**TRANSPORT BY SEA:**

No additional information available.

**AIR TRANSPORT:**

No additional information available.

## 15. Regulatory Information

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

**Glycol Ether EB**

**CAS No 111-76-2**

**1 – 5%**

### California Proposition 65:

This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer and/or reproductive harm.

## 16. Other Information

### TRAINING ADVICE:

Normal use of this product shall imply use in accordance with the instructions on the packaging.

### FULL TEXT OF H-PHRASES:

H227: Combustible liquid.

H302: Harmful if swallowed.

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

### DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability 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 hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.

#### DISPOSAL

Offer empty container for recycling.  
If recycling is not available, discard container in trash.

*For industrial and commercial use only.  
For additional information, see Safety Data Sheet.*

An Exclusive Product of PRO CHEM, INC.  
1475 Bluegrass Lakes Parkway, Alpharetta, GA 30004  
To Reorder Call: 1-800-241-8180  
[www.procheminc.com](http://www.procheminc.com)

**NOT FOR SALE IN CALIFORNIA.**

#### CONTAINS/CAS NUMBER:

Water/7732-18-5;  
Proprietary Polymer/Proprietary;  
2-butoxyethanol/111-76-2;  
Tannic Acid/1401-55-4;  
Oxalic Acid/6153-56-6.

PRODUCT CODE 2604



This product is designed exclusively for industrial and institutional use by trained personnel. This product is sold as is and the manufacturer makes no warranty, express or implied, of merchantability, fitness for a particular purpose or otherwise.



# RUST BUSTER

## Rust Control Neutralizer

- HALTS EXISTING RUST AND PREVENTS FUTURE CORROSION WITH A DURABLE PROTECTIVE BARRIER
- NO NEED FOR SAND BLASTING, GRINDING OR SCRAPING

**KEEP OUT OF REACH OF CHILDREN**

NET CONTENTS: 5 GALLONS

#### DESCRIPTION

**RUST BUSTER** instantly bonds with rust, stops its growth, transforms it into a nonrusting paintable surface and prevents future rust formation. It provides an excellent primer coating for the application of quality oil-based paints. Surfaces protected with this primer and an oil-based paint system resist the effects of weather, rain, sun and salt spray without peeling or cracking. This easy-to-use product is the first step in providing long-term protection of steel and iron surfaces.

#### DIRECTIONS

**SURFACE PREPARATION:** Remove large rust and scale particles with a wire brush or sandpaper. Clean the surface thoroughly to remove dirt, dust and grease.

**APPLICATION:** Shake or stir well before using. **RUST BUSTER** is ready-to-use. Do not dilute. Apply this product using a brush or roller. Apply a second coat to ensure complete transformation of rusty surfaces.

**COVERAGE:** 500 square feet per gallon on a smooth, nonporous surface. Irregular, porous or textured surfaces may require more product.

**DRYING TIME:** The resulting coat will dry to a smooth, dark finish in 20 minutes. Apply a second coat to ensure complete transformation of rusty surfaces. Allow 48 hours of cure time before the application of the finished paint coat.

For long-lasting protection of iron surfaces, the cured rust converter should be sealed with two coats of a high quality oil-based paint. No other primer is required.

**CLEANUP:** Application equipment should be cleaned immediately with soap and water.

**IMPORTANT:** Do NOT return unused material to original containers.



Please Recycle.

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