

# MATERIAL SAFETY DATA SHEET

## QUIK RUST REMOVER






QKRUST500, QKRUST1L

Issue Date: 20 November 2019

Page 1 of 5

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER	
<b>Product Name</b>	Quik Rust Remover
<b>Use</b>	Used for the fast, effective removal of rust, tarnish and other insoluble deposits from stainless steel, mild and galvanized steels, copper and aluminum. It also provides an effective bond for decorative and protective topcoats.
<b>Manufactured By</b>	Chemical Packers Ltd 136C Cryers Road East Tamaki, Auckland 09 274 4436
<b>Emergency Advice</b>	<b>NZ NATIONAL POISONS CENTRE:</b> 0800 764 766 <b>AU NATIONAL POISONS CENTRE:</b> 13 11 26

2. HAZARDS IDENTIFICATION	
<b>In case of poisoning, contact Poisons Information Centre 0800 764 766 (NZ) or 13 11 26 (AU)</b>	
<b>Hazard Classification</b>	6.1D Substances that present a low acute toxicity risk 8.1A Substances that are corrosive to metal 8.2C Substances that are slightly corrosive to skin 8.3A Substances that are corrosive to eyes 9.1D Substances that are slightly harmful to the aquatic environment or designed to be a biocide 9.3C Substances that are slightly harmful to terrestrial vertebrates
<b>Risk Statements</b>	Causes skin burns and eye damage. Corrosive to metals WARNING: Harmful if swallowed, inhaled or in contact with skin Harmful to terrestrial vertebrates
<b>Precaution Phrases</b>	Keep out of reach of children Read label, and MSDS, before use Wear protective gloves and face protection Keep formula in original container and tightly closed Store locked up, away from foodstuffs Hose away spillages Do not eat, drink or smoke near this product Do not mix with acid products Do not inhale vapour Wash hands thoroughly after handling Avoid contact during pregnancy/while nursing Not flammable or combustible. Fire-fighters are to wear full protective clothing and self-contained breathing apparatus Store in a well-ventilated place. Dispose of container in a safe manner. Recycle where possible.
  	

3. COMPOSITION/INFORMATION ON INGREDIENTS		
Substance Name	Proportion	CAS No.
2-BUTOXY ETHANOL (BELOW CUTOFF)	1 to 10%	111-76-2
PHOSPHORIC ACID (ORTHOPHOSPHORIC ACID)	30 to 60%	7664-38-2
WATER AND OTHER NON-HAZARDOUS SUBSTANCES	Greater than 60%	Mixture
All other ingredients not hazardous according to ERMA criteria.		

# MATERIAL SAFETY DATA SHEET

## QUIK RUST REMOVER

QKRUST500, QKRUST1L

Issue Date: 20 November 2019

Page 2 of 5



### 4. FIRST AID MEASURES

<b>If Inhaled</b>	Move to fresh air and keep warm. Seek medical advice if breathing is difficult.
<b>If Swallowed</b>	Do not induce vomiting. Rinse mouth with water and seek medical advice.
<b>If in Eyes</b>	Flush out immediately with water for several minutes and seek medical advice.
<b>If on Skin</b>	Remove contaminated clothing and wash skin thoroughly with soap and running water. Immediately seek medical advice. Wash contaminated clothing before reuse.
<b>First Aid Facilities</b>	Eye wash fountain, safety shower and normal washroom facilities.
<b>Advice to Doctor</b>	Treat symptomatically.
<b>In case of poisoning, contact Poisons Information Centre 0800 764 766 (NZ) or 13 11 26 (AU)</b>	

### 5. FIRE-FIGHTING MEASURES

<b>Fire/Explosion Hazard</b>	<b>EXTINGUISHING MEDIA:</b> Refer to SDS of substance causing fire. <b>SPECIAL FIRE FIGHTING PROCEDURES:</b> Refer to SDS of substance causing fire. <b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b> If tanks, drums or containers of this material are heated, they may rupture and project hot liquids over a wide area.
<b>Hazchem Code:</b>	N/A
<b>Flammability</b>	Not flammable or combustible. If involved in a fire it may generate noxious and corrosive fumes.

### 6. ACCIDENTAL RELEASE MEASURES

Material may be slippery when spilt. Walk cautiously. Ventilate area. Wear protective equipment to prevent skin and eye contact, as outlined under personal protection in this MSDS. Bund area using sand or soil – to prevent run off into drains and waterways. Absorb spillage to prevent material damage. Use absorbent (soil, sand, vermiculite or other inert material). Shovel or use HEPA vacuum system to collect, and then place into properly labeled containers for disposal.

### 7. HANDLING AND STORAGE

Store in a cool place and out of direct sunlight. Store away from sources of heat or ignition. Store away from oxidizing agents and strong alkalis. Keep containers closed, when not using the product. Store in original packages as approved by manufacturer.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Exposure Standards</b>	No exposure standards are available for this product, however, the following exposure standards have been assigned by [NOHSC] to the following components of the product: <b>2-BUTYL GLYCOL</b> NZ WES [TWA] 25 ppm 121 mg/m <sup>3</sup> <b>PHOSPHORIC ACID [ORTHOPHOSPHORIC ACID]</b> NZ WES [TWA] 1 mg/m <sup>3</sup> [STEL] 3 mg/m <sup>3</sup>
---------------------------	--

# MATERIAL SAFETY DATA SHEET

## QUIK RUST REMOVER

QKRUST500, QKRUST1L

Issue Date: 20 November 2019

Page 3 of 5



<b>Engineering Controls</b>	Corrosive liquid. Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate unless the material is heated, reacted or otherwise changed in some type of chemical reaction, then the use of a local exhaust ventilation system is recommended.
<b>Personal Protection Equipment</b>	<b>GLOVES:</b> PVC or rubber. <b>EYES:</b> Chemical goggles or face shield to protect eyes. <b>RESPIRATORY PROTECTION:</b> Avoid breathing of spray. Select and use respirators in accordance with AS/NZS 1715/1716.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Clear colourless liquid
<b>Boiling Point</b>	>100°C
<b>Specific Gravity</b>	1.4
<b>Flash Point</b>	None
<b>Flammability Limits</b>	None
<b>Solubility in Water</b>	Soluble
<b>pH</b>	Approx. 1.0%

### 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions of use.
<b>Hazardous Decomposition products</b>	Emits choking and corrosive fumes when heated to decomposition.
<b>Hazardous Polymerization</b>	Will Not occur.
<b>Incompatibilities</b>	Strong alkalis and oxidizing agents.
<b>Conditions to avoid</b>	Heat, flames, ignition sources and incompatibilities.

# MATERIAL SAFETY DATA SHEET

## QUIK RUST REMOVER



QKRUST500, QKRUST1L

Issue Date: 20 November 2019

Page 4 of 5

### 11. TOXICOLOGICAL INFORMATION

No adverse health effects are expected, if the product is handled in accordance with this Material Safety Data Sheet and the product label. Symptoms and effects that may arise if the product is mishandled and overexposure occurs are:

#### ACUTE HEALTH EFFECTS:

<b>Swallowed</b>	Will cause burns to the mouth, mucous membranes, throat, esophagus and stomach. If sufficient quantities are ingested (swallowed) death may occur.
<b>Eye</b>	Will cause burns to the eyes with effects including pain, tearing, conjunctivitis and if duration of exposure is long enough, blindness will occur.
<b>Skin</b>	Will cause burns to the skin, with effects including redness, blistering, localised pain and dermatitis. Additional information for Skin
<b>Inhaled</b>	Inhalation of mist may cause severe irritation to the nose, throat and respiratory system with effects including dizziness, headache, coughing, loss of co-ordination, chest pains, respiratory paralysis and or failure.
<b>Chronic:</b>	Prolonged or repeated skin contact will lead to necrosis (death) of the skin.
<b>Toxicological Data</b>	There is no other toxicological information available for this product.

Component	% by wt	Value	End Point	Route	Species
2-BUTOXY ETHANOL	100	300mg/kg	LD50	Oral	Rabbit
		210mg/kg	LD50	Dermal	Guinea Pig
1530mg/kg		LD50	Oral	Rat	
2740mg/kg		LD50	Dermal	Rabbit	
PHOSPHORIC ACID					

### 12. ECOLOGICAL INFORMATION

This substance may cause long term adverse effects in the aquatic environment.  
Harmful to terrestrial vertebrates. Do not release to the environment. Collect spillage

### 13. DISPOSAL CONSIDERATION

Whatever cannot be saved for recovery or recycling should be disposed of in accordance with Hazardous Substances (Disposal) Regulations 2001.  
**DISPOSAL RECOMMENDATIONS:** Dispose of material through a licensed waste contractor. Normally suitable for disposal by approved waste disposal agent.

# MATERIAL SAFETY DATA SHEET

## QUIK RUST REMOVER

QKRUST500, QKRUST1L

Issue Date: 20 November 2019

Page 5 of 5



14. TRANSPORT INFORMATION	
ROAD, AIR AND SEA TRANSPORT	
UN Number	1805
Proper Shipping Name	PHOSPHORIC ACID
Dangerous Goods Class	8
Subsidiary Risk	None Allocated
Packing Group	III
Hazchem Code	None Allocated

15. REGULATORY INFORMATION
ERMA Group Standard: Metal Industry Products (Corrosive) HSR002609 Refer to the Group Standard document for further information.

16. OTHER INFORMATION	
Date of Preparation	
Issue Date	
Key Legend Information	<p><b>NOHSC</b> - National Occupational Health &amp; Safety Commission (Formerly Worksafe)[Aust]</p> <p><b>TWA</b> - Time Weighted Average [Int]</p> <p><b>STEL</b> - Short Term Exposure Limit [Int]</p> <p><b>EPA</b> - Environmental Protection Agency [Int]</p> <p><b>NIOSH</b> - National Institute for Occupational Safety and Health [US]</p> <p><b>AS/NZS 1715</b> - Selection, use and maintenance of respiratory protective devices. [Aust/NZ]</p> <p><b>EU</b> - European Union</p> <p><b>[Aust/NZ]</b> = Australian New Zealand</p> <p><b>[Int]</b> = International</p> <p><b>[US]</b> = United States of America</p>
Disclaimer	This MSDS summarizes our best knowledge of the health and safety hazard information available on the product and the measures to be used to handle and use the product safely. Each user should read this MSDS and consider the information in connection with the way the product is intended to be handled or used.
Principal References	Information supplied by manufacturer, reference sources including the public domain.

**END OF MSDS**