

# Material Safety Data Sheet

Infosafe No™ 1PJ1K Issue Date : January 2015 ISSUED by PLESSJAL

Product Name : **RUST OFF**

Classified as hazardous

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Chemical Product and Company Identification** Tel: (03)9416 6700 (BH)  
Fax: (03)9416 8516  
Web: www.peerlessjal.com.au  
email: sales@peerlessjal.com.au

**Product Name** RUST OFF

**Product Code** RUSOFF

**Company Name** Peerless Jal Pty Ltd (ABN 53 006 489 345)

**Address** 10-12 Raglan Street Preston  
Victoria 3072 Australia

**Telephone/Fax Number** Tel: (03) 9416 6700  
Fax: (03) 9416 8516

**Emergency Contact Address** 10-12 Raglan St. Preston  
(03) 9416 6700  
Ask for Technical Department

**Email** sales@peerlessjal.com

**Recommended Use** Acidic Rust Removing Compound

## 2. HAZARDS IDENTIFICATION

**Hazard Classification** Classified as hazardous  
HAZARDOUS SUBSTANCE.  
NON-DANGEROUS GOODS.

Classified as Hazardous according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC).  
Not Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

**Risk Phrase(s)** Classified as hazardous  
R35 Causes severe burns.

**Safety Phrase(s)** S24/25 Avoid contact with skin and eyes.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Characterization** Liquid

<b>Ingredients</b>	<b>Name</b>	<b>CAS</b>	<b>Proportion</b>	<b>Hazard Symbol</b>	<b>Risk Phrase</b>
	Water	7732-18-5	0-100 %		
	Phosphoric Acid	7664 - 38 - 2	0-60 %		
	Surfactant	(Proprietary)	0-10 %		
	Sulphuric acid	7664-93-9	0-10 %		
	Dye	(Proprietary)	0-1 %		

## 4. FIRST AID MEASURES

**Inhalation** Leave contaminated area.

**Ingestion** If poisoning occurs, contact a doctor or Poisons Information Centre. Phone 13 1126. If swallowed, do NOT induce vomiting. Give a glass of water.

**Skin** Remove contaminated clothing and wash skin thoroughly.

**Eye** Hold eyes open, flood with water at least 15 minutes and see a doctor.

**First Aid Facilities** Eyewash should be nearby and ready for use.

**Advice to Doctor** Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

**Specific Hazards** Toxic fumes of phosphoric acid may be emitted if involved in a large fire.

**Hazchem Code** 2X

## 6. ACCIDENTAL RELEASE MEASURES

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**Spills & Disposal** Ensure adequate ventilation. Wear full protective clothing including respirator. Small spills may be flushed to sewer with plenty of water. Contain large spills using sand or soil. Neutralise with Soda Ash. Absorb on inert absorbent. Dispose according to Local, State or Territory Government Regulations.

## 7. HANDLING AND STORAGE

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**National Exposure Standards** The National Occupational Health and Safety Commission (Worksafe Australia) have set no exposure standards for this specific material. However for

	T W A		STEL	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Phosphoric Acid	-	1	-	3

As published by the National Occupational Health & Safety Commission (Worksafe Australia).

TWA - the Time-Weighted Average airborne concentration over an eight-hour working day, for a five-day week over an entire working life. According to current knowledge this concentration should neither impair the health of, nor cause undue discomfort to, nearly all workers.

STEL is the Short Term Exposure Limit and is a 15-minute TWA exposure that should not be exceeded at any time during a working day. Exposures at the STEL should not be longer than 15 minutes and should not be repeated more than four times per day. There should be at least 60 minutes between successive exposures at the STEL.

Exposure Standards are guides to be used in the control of occupational health hazards. They are not fine dividing lines between safe and dangerous concentrations of chemicals nor are they measures of relative toxicity. All atmospheric contamination should be kept to as low a level as is practicable. Use adequate ventilation to maintain concentrations below the exposure standards.

**Engineering Controls**

**Personal Protective Equipment**

Avoid contact with eyes and skin. Wear rubber gloves and eye/face protection. If inhalation risk exists wear respirator with 'acidic gases' canister. Always wash hands before smoking, eating, drinking or using the toilet.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Form</b>	Liquid
<b>Appearance</b>	Red mobile liquid with no odour.
<b>Odour</b>	acidic
<b>Melting Point</b>	Not Applicable
<b>Boiling Point</b>	Aprox: 105°C
<b>Solubility in Water</b>	Completely miscible
<b>Specific Gravity</b>	1.105 aprox.
<b>pH Value</b>	less <1.0
<b>Vapour Pressure</b>	Not Available
<b>Physical State</b>	liquid
<b>Viscosity</b>	mobile liquid
<b>Colour</b>	Red
<b>Flash Point</b>	Not Flammable
<b>Flammability</b>	Non combustible material.
<b>Flammable Limits - Lower</b>	Not Flammable
<b>Flammable Limits - Upper</b>	Not Flammable

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## 10. STABILITY AND REACTIVITY

## 11. TOXICOLOGICAL INFORMATION

**Health Hazard** No adverse health effects expected if the product is handled in accordance with this Material Safety Data Sheet and the product label. Symptoms that may arise if the product is mishandled are: For WSA format, please refer to Health Effects Section for acute effects.

**Inhalation** Spray mist or vapour will irritate and may burn the nose, throat and respiratory tract.

**Ingestion** Causes burns to the mouth, throat and gastrointestinal tract. May cause nausea, difficult breathing, shock, acidosis, convulsions and collapse.

**Skin** Causes burns. Can be absorbed through the skin.

**Eye** Risk of serious damage to eyes. Causes burns and desquamation.

**Chronic Effects** No chronic effects reported.

## 12. ECOLOGICAL INFORMATION

## 13. DISPOSAL CONSIDERATIONS

## 14. TRANSPORT INFORMATION

**Transport Information** Classified according to the Transport of Dangerous Goods (ADG) Code and the Standards for the Uniform Scheduling of Drugs and Poisons.

**U.N. Number** 3264

**DG Class** 8

**Hazchem Code** 2X

**Special Precautions for User** Correct Shipping Name: CORROSIVE, LIQUID, ACIDIC, INORGANIC N.O.S. (Contains: Phosphoric Acid and Sulphuric Acid)

**Packing Group** II

**Storage and Transport** This material is a Class 8 Dangerous Good and a Schedule 6 Poison. Keep locked up and out of reach of children. Store and transport according to local State or Territory Dangerous Goods and Poisons Regulations.

**UN Number (Road Transport)** 3264

**Other Information** This MSDS summarises our best knowledge of health and safety hazard information of the product and how to safely handle and use the product.

## 15. REGULATORY INFORMATION

**Regulatory Information** Classified as hazardous  
HAZARDOUS SUBSTANCE.  
SCHEDULED POISON.

Classified as Hazardous according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC).  
Classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

**Poisons Schedule** S6

**Hazard Category** Corrosive

## 16. OTHER INFORMATION

**Technical Contact Point** TECHNICAL DEPARTMENT.  
10-12 Raglan Street,  
Preston, Vic, 3073.  
Tel: (03)9416 6700 (BH)  
Fax: (03)9416 8516  
...End Of MSDS...

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