



## SAFETY DATA SHEET

### Metal Rescue Rust Remover Bath

#### 1. IDENTIFICATION

##### Product identifier

**Product Name** Metal Rescue Rust Remover Bath

##### Other means of identification

**SDS #** APPAC-010-CA

**Synonyms** None

##### Recommended use of the chemical and restrictions on use

**Recommended Use** Water based rust remover

**Uses Advised Against** No information available

##### Details of the supplier of the safety data sheet

##### Manufacturer Address

Armor Protective Packaging  
862 Arvin Ave.  
Stoney Creek, Ontario Canada L8E 5P2  
Phone: 905-643-9839  
Fax: 905-643-3688

**Man**  
Arm  
862  
Ston  
Phon  
Fax:

##### Emergency telephone number

**Initial supplier phone number** Please enter Initial Suppliers Phone Number here  
**Emergency Telephone** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

#### 2. HAZARDS IDENTIFICATION

**Appearance** Clear liquid

**Physical state** Liquid

**Odour** None

##### Classification

This chemical does not meet the hazardous criteria set forth by the 2015 WHMIS standards. However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.



## SAFETY DATA SHEET

### Metal Rescue Rust Remover Bath

#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

##### Substance

The product contains no substances which, at their given concentration, are considered to be hazardous to health. However, additional component information is available in subsequent sections of this SDS.

#### 4. FIRST AID MEASURES

##### Description of first aid measures

<b>General advice</b>	Provide this SDS to medical personnel for treatment.
<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a doctor.
<b>Skin contact</b>	Wash skin with soap and water.
<b>Inhalation</b>	Remove to fresh air.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water.

##### Most important symptoms and effects, both acute and delayed

<b>Symptoms</b>	May be harmful if swallowed.
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##### Indication of any immediate medical attention and special treatment needed

<b>Note to doctors</b>	Treat symptomatically.
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#### 5. FIREFIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable extinguishing media</b>	Not determined.
<b>Specific hazards arising from the chemical</b>	No information available.
<b>Explosion Data</b>	
<b>Sensitivity to Mechanical Impact</b>	None.
<b>Sensitivity to Static Discharge</b>	None.



## SAFETY DATA SHEET

### Metal Rescue Rust Remover Bath

**Special protective equipment for fire-fighters**

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions**

Use personal protective equipment as required.

### Environmental precautions

**Environmental precautions**

See Section 12 for additional Ecological Information.

### Methods and material for containment and cleaning up

**Methods for containment**

Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up**

Pick up and transfer to properly labelled containers.

**Prevention of secondary hazards**

Clean contaminated objects and areas thoroughly observing environmental regulations.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling**

Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible materials**

None known based on information supplied

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

**Exposure Limits**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

### Appropriate engineering controls

**Engineering controls**

Ensure adequate ventilation, especially in confined areas. Eyewash stations. Showers.



## SAFETY DATA SHEET

### Metal Rescue Rust Remover Bath

#### Individual protection measures, such as personal protective equipment

Eye/face protection	If necessary, refer to appropriate regulations and standards.
Skin and body protection	If necessary, refer to appropriate regulations and standards.
Respiratory protection	If necessary, refer to appropriate regulations and standards.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Clear liquid
Colour	Colourless
Odour	None
Odour Threshold	Not determined

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	6.2-7.4	
Melting point / freezing point	0 °C / 32 °F	
Boiling point / boiling range	100 °C / 212 °F	
Flash point	Not determined	
Evaporation Rate	1	(Water = 1)
Flammability (Solid, Gas)	Liquid - Not applicable	
Flammability Limit in Air		
Upper flammability or explosive limits	Not determined	
Lower flammability or explosive limits	Not determined	
Vapour Pressure	Not determined	
Vapour Density	Not determined	
Relative Density	1.01 – 1.04	
Water Solubility	Soluble in water	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Autoignition temperature	Not determined	
Decomposition temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive properties	Not determined.	
Oxidising properties	Not determined.	

#### Other information

Softening Point	Not determined
Molecular weight	Not determined
VOC Content (%)	Not determined
Liquid Density	Not determined



## SAFETY DATA SHEET

### Metal Rescue Rust Remover Bath

**Bulk density** Not determined

#### 10. STABILITY AND REACTIVITY

**Reactivity** Not reactive under normal conditions.

**Chemical stability** Stable under normal conditions.

**Possibility of hazardous reactions** None under normal processing.

**Conditions to Avoid** Keep out of reach of children.

**Incompatible materials** None known based on information supplied.

**Hazardous decomposition products** None known based on information supplied.

#### 11. TOXICOLOGICAL INFORMATION

##### Information on likely routes of exposure

##### Product Information

**Eye contact** Avoid contact with eyes.

**Skin contact** Avoid contact with skin.

**Inhalation** Do not inhale.

**Ingestion** May be harmful if swallowed.

##### Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** Please see section 4 of this SDS for symptoms.

##### Acute toxicity

**Unknown acute toxicity** No information available

##### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Phosphonate Salt	300 - 2000 mg/kg ( Rat )	-	-

##### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Carcinogenicity** Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.



## SAFETY DATA SHEET

### Metal Rescue Rust Remover Bath

#### 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
<b>Persistence/Degradability</b>	No information available.
<b>Bioaccumulation</b>	No information available.
<b>Other Adverse Effects</b>	No information available.

#### 13. DISPOSAL CONSIDERATIONS

##### Waste Treatment Methods

<b>Waste from residues/unused products</b>	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
<b>Contaminated packaging</b>	Do not reuse empty containers.

#### 14. TRANSPORT INFORMATION

<b>Note</b>	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances
<b><u>DOT</u></b>	Not regulated
<b><u>TDG</u></b>	Not regulated
<b><u>IATA</u></b>	Not regulated
<b><u>IMDG</u></b>	Not regulated

#### 15. REGULATORY INFORMATION

##### REGULATORY INFORMATION

##### International Regulations

**Ozone-depleting substances (ODS)** Not applicable



## SAFETY DATA SHEET

### Metal Rescue Rust Remover Bath

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

#### International Inventories

Chemical name	TSCA	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS
Water	X	X	X		X	X	X	X
Phosphonate Salt	X	X	X		X		X	

#### Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

### 16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

<b>NFPA</b>	<b>Health Hazards</b> Not determined	<b>Flammability</b> Not determined	<b>Instability</b> Not determined	<b>Special Hazards</b> Not determined
<b>HMIS</b>	<b>Health Hazards</b> Not determined	<b>Flammability</b> Not determined	<b>Physical hazards</b> Not determined	<b>Personal Protection</b> Not determined

#### Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)
STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value
*	Skin designation
<b>Issue Date:</b>	27-Sep-2018

**Revision Date:** 28-Sep-2018

**Revision Note:** New format.

#### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**