

# Picreator Enterprises Ltd.

# SAFETY DATA SHEET

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II Version 2 Revision Date 20.6.2018

	SECTION 1: Identification of the substance/mixture and of the company/undertaking					
	1.1	Product identifiers Product name		Renaissance Metal De-Corroder		
	1.2	Relevant identified uses of the substance or mixture and uses advised against				
		Identified uses		Professional rust remover		
1.3 Details of the supplier of the safety data sheet				safety data sheet		
		Company	1	Picreator Enterprises Limited 44 Park View Gardens Hendon London NW4 2PN UNITED KINGDOM		
		Telephone Internet	0.000	0208 2028972 www.picreator.co.uk		
1.4 Emergency telephone number		r				
		Emergency Phone #	1	0208 2028972 (09:00 – 17:00 Monday to Friday)		

## 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

#### 2.2 Label elements

The product does not need to be labelled in accordance with EC directives or respective national laws.

## 2.3 Other hazards - none

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

## 3.1 Mixtures

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Renaissance Metal De-Corroder comprises an aqueous complex of hydrocarboxylic acid produced as a reaction product of triethanolamine and citric acid. Classification of the mixture is based upon consideration of the known physical properties of the mixture in accordance with Section 3.3.2.1 and 3.3.3.1 of Annex I of Regulation 1272/2008 (as amended), the CLP Regulations.

## 4. FIRST AID MEASURES

## 4.1 Description of first aid measures

#### If inhaled

If vapour or mists are breathed in, move person into fresh air. If not breathing, give artificial respiration.

## In case of skin contact

Wash off with soap and plenty of water. If irritation persists seek further medical attention.

# In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and seek further medical attention.

#### If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Seek further medical attention.

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

To the best of our knowledge, the chemical, physical, and toxicological properties of the mixture have not been thoroughly investigated.

**4.3** Indication of any immediate medical attention and special treatment needed No data available.

Page 1 of 5



## 5. FIREFIGHTING MEASURES

#### 5.1 Extinguishing media

#### Suitable extinguishing media

Use media such as alcohol/aqueous foam, dry chemical, or carbon dioxide or water spray/fog which are suitable and appropriate for any surrounding fire.

#### 5.2 Special hazards arising from the substance or mixture

Highly dependent on combustion conditions. A complex mixture of containing airborne solids, liquids, and gases including carbon monoxide, carbon dioxide, and unidentified organic compounds will be evolved when this material undergoes combustion.

## 5.3 Advice for firefighters

Do not breathe decomposition products and fumes. Use approved self-contained breathing apparatus. Wear fire retardant clothing. Do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus Use water spray to cool containers. Use water fog to disperse vapours and leaks that have not ignited. Prevent runoff from fire control from entering waterways. Large fires should only be dealt with by trained personnel.

# 5.4 Further information

No data available.

## 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use suitable personal protective equipment (refer to Section 8 for details). Avoid breathing vapours or mists. Ensure adequate ventilation.

## 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains or watercourses.

**6.3 Methods and materials for containment and cleaning up** Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations.

#### 6.4 Reference to other sections For disposal see section 13.

#### 7. HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Avoid inhalation of vapour. Keep away from sources of ignition.

## 7.2 Conditions for safe storage, including any incompatibilities Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

7.3 Specific end use(s)

No data available.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters

#### Components with occupational exposure limits

Component	CAS No.	Reference period	Exposure Limit	Basis
White Spirit	64741-92-0	8hr TWA	500mg/m <sup>3</sup>	Recommended OEL

## 8.2 Exposure controls

#### Appropriate engineering controls

Use in well ventilated areas. Use mechanical ventilation in poorly ventilated areas.

## Personal protective equipment

#### Eye/face Protection

Use equipment for eye protection tested and approved under appropriate standards such as EN 166.



## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION (Continued)

#### **Skin Protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with good practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Recommended glove types include Nitrile, Polythene and PVC gloves.

## **Body Protection**

Impervious clothing, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

## **Respiratory Protection**

Where risk assessment in accordance with the hierarchy of controls established within the Chemical Agents Directive shows a requirement for respirators as a means of control use an organic filter type A.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

## 9.1 Information on basic physical and chemical properties

a)	Appearance	Form: Viscous green liquid
b)	Odour	Faint
c)	Odour Threshold	no data available
d)	pН	4
e)́	Melting point/freezing point	no data available
f)	Initial boiling point and boiling range	no data available
g)	Flash point	>93°C
ĥ)	Evaporation rate	no data available
i)	Flammability (solid, gas)	Not applicable
j)	Upper/lower flammability	no data available
	or explosive limits	
k)	Vapour pressure	no data available
I)	Vapour density	no data available
•	Deletive density	1.05
m)	Relative density	1.05
n)	Water solubility	Miscible in water
o)	Partition coefficient:	no data available
	(n- octanol/water)	
p)	Auto-ignition temperature	no data available
q)	Decomposition	no data available
	temperature	
r)	Viscosity	no data available
s)	Explosive properties	None
t)	Oxidizing properties	None
Oth	er safety information	
No	data available	

## 10. STABILITY AND REACTIVITY

# 10.1 Reactivity

9.2

No data available on mixture.

- 10.2 Chemical stability Expected to be Stable at normal temperatures and under recommended storage conditions.
  10.3 Possibility of hazardous reactions No data available.
- **10.4** Conditions to avoid High temperature (>50°C), sources of ignition & direct sunlight.
- **10.5 Incompatible materials** Strong oxidising agents.
- **10.6 Hazardous decomposition products** No hazardous decomposition products when stored and handled correctly.

Page 3 of 5



## 11. TOXICOLOGICAL INFORMATION

#### 11.1 Information on toxicological effects

#### Acute toxicity

No data available on mixture. Not expected to have any acute toxic effects.

#### Skin corrosion/irritation

No data available on mixture. Not expected to cause any acute skin corrosion or irritation in accordance with Part 3.2.3.1.2 of Annex I of the CLP Regulations.

#### Serious eye damage/eye irritation

No data available on mixture. Not expected to cause any acute eye damage or primary irritation in accordance with Part 3.2.3.1.2 of Annex I of the CLP Regulations. Mild reversible eye irritation may be possible following exposure.

## Respiratory or skin sensitisation

No data available on mixture. Not expected to have sensitisation potential.

## Germ cell mutagenicity

No data available

## Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

#### **Reproductive toxicity**

No data available.

#### Specific target organ toxicity - single exposure

No data available on mixture. Inhalation of significant vapours or mists may cause transient respiratory irritation

#### Specific target organ toxicity - repeated exposure No data available

#### Aspiration hazard

No data available on mixture. Not expected to pose an aspiration hazard.

#### Potential health effects

Inhalation	Unlikely to cause harm or irritation if inhaled in any normal conceivable
use.	
Ingestion	May be harmful if swallowed.
Skin	May cause transient skin irritation.
Eyes	May cause transient eye irritation

#### Signs and Symptoms of Exposure

Contact with eyes can cause:, redness, possible blurred vision, provokes tears.; Contact with skin may cause minor skin irritation and irritation/ dermatitis following prolonged and repeated contact. Ingestion may cause nausea, vomiting and severe gastric pain.

## **Additional Information**

Not available.

## 12. ECOLOGICAL INFORMATION

## 12.1 Toxicity

No data available. Not expected to be harmful to aquatic organisms.

- 12.2 Persistence and degradability No data available.
- **12.3 Bioaccumulative potential** No data available.
- 12.4 Mobility in soil Immobile solid
- 12.5 Results of PBT and vPvB assessment No data available
- 12.6 Other adverse effects No data available

Page 4 of 5



## 13. DISPOSAL CONSIDERATIONS

## 13.1 Waste treatment methods

## Product

Material is not classified as hazardous waste under the Hazardous Waste Regulations 2005 (as amended). Follow supplier's instructions regarding safe methods of disposal. Do not discharge into drains or watercourses without prior approval.

#### Contaminated packaging

Dispose of as unused product.

14.	TRANSPORT INFORMATION			
14.1	<b>UN number</b> ADR/RID: -	IMDG: -	IATA: -	
14.2	UNpropershippingnarADR/RID:NotdangerousgooIMDG:NotdangerousgooIATA:Not dangerous goods	ds		
14.3	<b>Transport hazard class(es)</b> ADR/RID: -	IMDG: -	IATA: -	
14.4	Packaging group ADR/RID: -	IMDG: -	IATA: -	
14.5	Environmental hazards ADR/RID: no	IMDG Marine Pollutant: no	IATA: no	
14.6	Special precautions for user No data available			

#### 15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

## 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Health & Safety at Work etc. Act 1974 Control of Substances Hazardous to Health Regulations 2002 (as amended) Classification, Labelling and Packaging of Substances and Mixtures Regulations 2008 (as amended) EH40/2005 Workplace Exposure Limits (as amended) Environmental Protection Act 1990 Hazardous Waste Regulations 2005 (as amended)

#### 15.2 Chemical Safety Assessment

No data available.

#### 16. OTHER INFORMATION

Further information

None

#### Recommended restrictions on use

Use in accordance with manufacturer's technical instructions. **Revision History** Review to revision of 27.8.2015. No alterations or amendments.

The information in this Safety Data Sheet should be provided to all who will use, handle, store, transport or otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operations, management and for people working with or handling these products. This information is believed to be reliable and updated at Revision Date, and represents the best information currently available and known by Picreator Enterprises Limited (Picreator). However, Picreator makes no guarantee or warranty, express or implied, with respect to such information and we assume no liability resulting from its use. The information related herein is based on proper handling and anticipated uses and is for the material without chemical additions or alterations. Users should make their own investigations to determine the suitability of the information for their particular purposes. It is the responsibility of the user to undertake a suitable risk assessment/COSHH assessment prior to using this material.

Page 5 of 5