

# SAFETY DATA SHEET

## Mayhems Blitz Radiator

### 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name:</b>	Blitz Radiator
<b>Product Description:</b>	Acid detergent cleanser of closed loop system
<b>Manufacturer/Supplier:</b>	Mayhems
<b>Address:</b>	Unit 4 Flanshaw Business Park, Kelly Way, Wakefield, UK, WF2 9FR
<b>Telephone No:</b>	+44 0800 048 7045 (09:00 am – 05:00 pm)
<b>E-Mail</b>	support@mayhems.co.uk

### 2. COMPOSITION / INFORMATION ON PRODUCT HAZARDOUS COMPONENTS

Hazardous Components for EC

COMPONENT NAME	CAS no	CONCENTRATION	R PHRASES	CLASSIFICATION
Phosphoric Acid	7664-38-2	1.25-9%	R34	Corrosive

### 2. HAZARD IDENTIFICATION

Main Hazards: Can cause burns.



### 4. FIRST AID MEASURES

Health effects - Eyes Wash eyes promptly and rinse for 15 minutes. Get medical attention.

Health effects - Skin Wash skin with soap or mild detergent.

Health effects - Ingestion Get medical attention. Rinse mouth thoroughly. DO NOT induce vomiting.

First Aid - Inhalation Remove person to fresh air at once. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get medical attention.

### 5. FIRE FIGHTING MEASURES

Extinguishing Media This material is not combustible. Use extinguishing media appropriate for surrounding fire. Hazardous combustion products Oxides of Phosphorus. Hydrogen gas may be formed. Protective equipment for firefighting. Wear self-contained breathing apparatus.

### 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Wear protective equipment.

Environmental Precautions Prevent the material from entering drains or water courses without pre-treatment.

Spillage's Absorb in vermiculate, dry sand or earth and place into containers.

### 7. HANDLING AND STORAGE

Handling Wear protective equipment.

Avoid breathing in vapours

Storage Containers should be kept out of direct sunlight and kept tightly closed.

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

See section 7

Ingredient Name	CAS No	STD LT EXP 8 Hrs	ST EXP 15 min
Phosphoric Acid	7664-38-2	OES 1 mg/m <sup>3</sup> 2	Mg/m <sup>3</sup>

*Ingredient Comments : OES = Occupational Exposure Standard.*

Engineering Control Measures Engineering methods to prevent or control exposure are preferred. Methods include process or personnel enclosure, mechanical ventilation (dilution and local exhaust), and control of process conditions. Respiratory Protection Respiratory protection if a risk of exposure to high vapour concentrations.

Hand Protection PVC gloves

Eye Protection Chemical goggles or face shield must be worn. Body protection Wear overall or apron.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State Liquid.

Colour Clear / Colourless

Odour / Taste Acidic

pH at 500g/l, 20°C Range between 2.1 and 3

Density (g/cm<sup>3</sup>) Range between 1.1 and 1.23 depending on concentration at 20 Deg. C.

## 10. STABILITY AND REACTIVITY

Stability Stable under normal conditions.

Conditions to Avoid Heat, flames sparks. Keep away from other chemicals.

Materials to Avoid Chlorinated products.

Hazardous Decomposition Products Toxic gases, vapours & fumes.

## 11. TOXICOLOGICAL INFORMATION

Inhalation: Prolonged exposure to vapours may cause irritation to nose, throat and lungs.

Irritancy - Eyes Risk of burns.

Irritancy - Skin Risk of burns.

## 12. ECOLOGICAL INFORMATION

Mobility The product will dissolve rapidly in water.

## 13. DISPOSAL

Product Disposal Dispose of in accordance with local authority regulations. Container Disposal containers should be cleaned by appropriate methods and then re-used or disposed in same manner as contents.

#### **14. TRANSPORT INFORMATION**

UN Number 1805  
UN Class 8  
UN Packaging Group III  
ADR/RID Substance ID No. Class 8 - Corrosive Substances  
ADR/RID - Class 8

#### **15. REGULATORY INFORMATION**

Labelling Information Class 8 Corrosive  
R Phases R34 Causes Burns  
S Phrases S-26 in case of contact with eyes, rinse immediately with plenty of water  
S-45 in case of accident or if feeling unwell seek medical advice immediately.  
S-24/25 Avoid contact with skin and eyes.  
S-36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

#### **16. OTHER INFORMATION**

Uses and restrictions & Footnote Industrial Water Treatment Additive for use only as specified on the label. The above information is believed to be accurate. The sole purpose of the data sheet is to provide guidance on the safe handling and use of the respective product. It does not form part of any product specification or contract. It is not practical for the information to cover every conceivable application of the product. It is the responsibility of the user to evaluate the information for their own particular purpose. In no event shall the company be held liable for any injury, loss or damage resulting from its use.