



MAYHEMS SAFETY DATA SHEET

Mayhems Blitz Radiator

1. PRODUCT AND COMPANY IDENTIFICATION

- 1.1 **Product Identifier:** Blitz Radiator
Product Description: Acid detergent cleanser of closed loop systems
- 1.2 **Intended Use:** Liquid Cooled PC's only
- 1.3 **Manufacturer/Supplier:** Mayhems
Address: Unit 4 Flanshaw Business Park, Kelly Way, Wakefield, United Kingdom, WF2 9FR
- 1.4 **Emergency Telephone No:** +44 0800 048 7045 (09:00 am - 05:00 pm)
Email: support@mayhems.co.uk

2. HAZARD IDENTIFICATION

- 2.1 **Main Hazards:** Can cause burns, irritant. Xi; R36

3. COMPOSITION, INFORMATION, AND INGREDIENTS

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



4. FIRST AID MEASURES

- Ingestion:** Get medical attention. Rinse mouth thoroughly. Do not induce vomiting.
- Skin Contact:** Wash skin immediately with soap or mild detergent.
- Eye Contact:** Wash eyes promptly and rinse for 15 minutes. Get medical attention.
- 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

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

6. ACCIDENTAL RELEASE OF MATERIAL

- 6.1 **Personal Precautions:** Wear protective equipment
Environmental Precautions Prevent the material from entering drains or water courses without pre-treatment
Spillages: Absorb in vermiculate, dry sand or earth and place containers

7. HANDLING AND STORAGE

- 7.1 **Handling:** Wear protective equipment. Avoid breathing in vapours.
7.2 **Storage Containers:** Should be kept out of direct sunlight and kept tightly closed.

8. EXPOSURE CONTROL/PERSONAL PROTECTION (see section 7)

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 condition.
- 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 overalls or an apron

9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 **Physical State:** Liquid
Colour: Clear/Colourless
Odour/Taste: Acidic
PH at 500g/l, 20°C: Range between 2.1 and 3
Density (g/cm³): Range between 1.1 and 1.23 depending on concentration at 20 Deg.C.

10. STABILITY AND REACTIVITY

- 10.1 **Stability:** Stable under normal conditions
10.2 **Conditions to Avoid:** Heat, flames, sparks. Keep away from other chemicals
10.3 **Materials to Avoid:** Chlorinated products
10.4 **Hazardous Decomposition Products:** Toxic gases, vapours & fumes



This SDS does not have to comply with Annex II of REACH as the product is not considered hazardous and contains no hazardous components. This is a 'non-mandated SDS'.

Edition 1.02 – 25 July 2024

11. TOXICOLOGICAL INFORMATION

- | | |
|-----------------------------|---|
| 11.1 Inhalation: | Prolonged exposure to vapours may cause irritation to nose, throat and lungs. |
| 11.2 Irritancy Eyes: | Risk of burns |
| 11.3 Irritancy Skin: | Risk of burns |

12. ECOLOGICAL INFORMATION

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| 12.1 Mobility: | The product will dissolve rapidly in water. |
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13. DISPOSAL

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| 13.1 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

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|---------------------------------|--------------------------------|
| 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

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| Labelling Information: | Class 8 corrosive |
| R Phrases: | 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

The information contained within this document 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.

Date of Completion:	25 July 2024 Completed
By:	F Flynn