



## SAFTY DATA SHEET

### Mayhems XT-1 Concentrate – UV Black

#### 1. PRODUCT AND COMPANY IDENTIFICATION

|     |                          |  |
|-----|--------------------------|--|
| 1.1 | Product Identifier:      | Mayhems XT-1 Concentrate   |
|     | Product Description:     | Liquid Coolants  |
| 1.2 | Intended Use:            | Liquids Cooled PC's only   |
| 1.3 | Manufacturer / Supplier: | Mayhems  |
|     | Address:                 | Unit 4 Flanshaw Business Park, Kelly Way, Wakefield, WF2 9FR, United Kingdom |
| 1.4 | Emergency Telephone No:  | +44 0800 048 7045 (09:00 am - 05:00pm)                                       |
|     | E-Mail:                  | <a href="mailto:support@mayhems.co.uk">support@mayhems.co.uk</a>             |

#### 2. HAZARD IDENTIFICATION

|     |                              |                |
|-----|------------------------------|----------------|
| 2.1 | Main Hazards:                |                |
|     | Classification:              | (EC 1272/2008) |
|     | Physical & Chemical Hazards: | Not Classified |
|     | Human Health:                | Not Classified |
|     | Environment:                 | Not Classified |

In accordance with Article 9 and Article 12 of EC 1272/2008, Mayhems XT-1 has been assessed as a mixture where adequate and reliable scientific information demonstrates the occurrence of synergistic and antagonistic effects that render the mixture non-toxic with an LD50 (Oral Rat) > 15,000 mg/kg body weight.

Classification (67/548/EEC: ) Not Classified

2.2 Label Elements Labelling - Regulation (EC) No. 1272/2008 Not Classified

2.3 Other Hazards  
Not Classified as PBT/vPvB by current EU criteria

#### 3. COMPOSITION, INFORMATION AND INGREDIENTS

| COMPONENT                           | CAS no    | EINECS    | %   | R PHASES | CLASSIFICATION |
|-------------------------------------|-----------|-----------|-----|----------|----------------|
| Ethanediol<br>(Aka Ethylene Glycol) | 107-21-1  | 203-473-3 | <90 | N/A      | N/A            |
| Pure Water -<br>Density Standard    | 7732-18-5 | 231-791-2 | <8  | N/A      | N/A            |

Composition Comments - Hazard Ethylene Glycol content is rendered non-toxic as a mixture by other constituents

#### 4. FIRST AID MEASURES

- 4.1 Ingestion: Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.  
Ingestion Provide rest, warmth, and fresh air. Immediately rinse mouth and drink plenty of water (200300 ml). Get medical attention.
- Inhalation: Remove contaminated clothing and wash skin with soap and water. Get medical attention if any discomfort continues.
- Skin Contact: Flush with water – seek medical advice if reaction occurs
- Eye Contact: Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses & open eyes wide apart. Get medical attention if discomfort continues.



**4.2** Most important symptoms and effects, both acute and delayed  
 Inhalation: No specific symptoms noted Ingestion: No specific symptoms noted  
 Skin contact: Potentially mild irritation  
 Eye contact: No specific symptoms noted

**4.3** Indication of any immediate medical attention and special treatment needed  
 No recommendation given, but first aid may still be required in case of accidental exposure, inhalation, or ingestion of this chemical. If in doubt, get medical attention promptly and present a copy of this Safety Data Sheet.

**5. FIRE FIGHTING MEASURES**

- 5.1** Extinguishing Media Water, foam. Carbon Dioxide (CO2). Dry chemicals, sand and dolomite etc
- 5.2** Special hazards arising from the substance or mixture Specific hazards when heated and in case of fire, harmful vapours/gases may be formed
- 5.3** Advice for fire fighters: Protective equipment for fire fighters Wear self-contained breathing apparatus and full protective equipment

**6. ACCIDENTAL RELEASE OF MATERIAL**

- 6.1** Personal precautions, protective equipment, and emergency procedures: Warn everybody of potential hazards and evacuate if necessary. Extinguish all ignition sources. Avoid sparks, flames, heat, and smoking. Ventilate. In case of inadequate ventilation, use respiratory protection. Wear protective clothing as described in Section 8 of this safety data sheet.
- 6.2** Environmental protections: Do not discharge into drains, water courses or onto the ground. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate body.
- 6.3** Methods and material for containment and cleaning up: Absorb with inert, damp, non-combustible material, then flush area with water. Collect spillage in containers, seal securely and deliver for disposal according to local regulations
- 6.4** Reference to other sections: Wear protective clothing as described in Section 8 of this safety data sheet. Collect and dispose of spillage as indicated in Section 13.

**7. HANDLING AND STORAGE**

- 7.1** Precautions for safe handling: Avoid spilling, skin, and eye contact. Avoid inhalation of vapours and spray mists. Provide good ventilation. Provide good ventilation. Keep away from heat, sparks, and open flame.
- 7.2** Conditions for safe storage, including any compatibilities: Keep containers tightly closed. Keep in original container. Keep separate from food, feedstuffs, fertilisers, and other sensitive material. Do not store near heat sources or expose to high temperatures. Keep away from heat, sparks, and open flame.
- 7.3** Specific end use(s): The identified uses of this product are detailed in Section 1.2.

**8. EXPOSURE CONTROL/PERSONAL PROTECTION**

**8.1**

| NAME       | STD  | TWA-8Hrs      | STEL – 15min   | Notes |
|------------|------|---------------|----------------|-------|
| ethanediol | WEL* | 52 mg/m3 (Sk) | 104 mg/m3 (Sk) |       |

WEL = Workplace Exposure Limit.

**8.2** Exposure Controls



Protective equipment

Engineering Measures: Provide adequate general and local exhaust ventilation.  
 Respiratory Equipment: If ventilation is insufficient, suitable respiratory protection must be provided. Hand Protection: Use protective gloves  
 Eye Protection: Wear approved safety goggles  
 Skin Protection: Wear apron or protective clothing in case of contact



## 9. PHYSICAL AND CHEMICAL PROPERTIES

|            |                      |   |
|------------|----------------------|---|
| <b>9.1</b> | Form:                | Liquid                                    |
|            | Colour:              | Different colours in natural light at 25c |
|            | Odour:               | Odourless                                 |
|            | pH:                  | 7 – 8 at 10 g/l at 25°C                   |
|            | Boiling Point:       | 100 °C                                    |
|            | Freezing Point:      | -8 °C                                     |
|            | Density:             | 0.8-1 at 25°C                             |
|            | Solubility in water: | 99%                                       |

## 10. STABILITY AND REACTIVITY

|             |                           |      |
|-------------|---------------------------|------|
| <b>10.1</b> | Reactivity:               | None |
| <b>10.2</b> | Stability:                | None |
| <b>10.3</b> | Possibility of reactions: | None |
| <b>10.4</b> | Conditions to Avoid:      | None |

## 11. TOXICOLOGICAL INFORMATION

|             |                            |                              |            |
|-------------|----------------------------|------------------------------|------------|
| <b>11.1</b> | <b>Acute toxicity 11.2</b> |                              |            |
|             | -LD50 oral                 | >10 gm/kg                    | Rat (oral) |
| <b>11.2</b> | <b>Primary irritation</b>  |                              |            |
|             | (Skin):                    | Non-irritant                 | Rabbit     |
|             | (Eye):                     | product may cause discomfort | Rabbit     |
|             | Adverse effects in man:    | No adverse effects reported  |            |
|             | Additional information:    | None                         |            |

## 12. ECOLOGICAL INFORMATION

|             |                                |  |
|-------------|--------------------------------|--|
| <b>12.1</b> | Toxicity:                      | Not considered hazardous                     |
| <b>12.2</b> | Persistence and degradability: | The Glycerol will biodegrade within 30 days. |

## 13. DISPOSAL

|             |                     |  |
|-------------|---------------------|--|
| <b>13.1</b> | Product Disposal:   | Can be disposed of down normal waste drain.  |
|             | Container Disposal: | Containers should be cleaned with water and then Re-used or disposed in same manner as contents. |

## 14. TRANSPORT INFORMATION

Transport road and rail  
 UN Number ADR/RID  
 Correct technical name ADR/RID Free  
 ADR/RID Class  
 Packing Group

Transport air  
 UN Number ICAO  
 Proper shipping name Free  
 ICAO Class  
 Packing Group

Transport sea  
 UN Number IMO  
 Proper shipping name Free  
 IMDG Class  
 Packing Group

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 3.03 – 16 March 2022**

## 15. REGULATORY INFORMATION

|                        |      |        |
|------------------------|------|--------|
| Labelling Information: |      | None R |
| Phases:                | None |        |
| S Phrases:             |      | None   |

## 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: | 16 March 2022 |
| Completed By:       | M Wood        |