



MAYHEMS SAFETY DATA SHEET

Mayhems XT1 Premix – Orchid Bee Teal

1. PRODUCT AND COMPANY IDENTIFICATION

- 1.1 **Product Identifier:** Mayhems XT1
Product Description: Liquid Coolants
- 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:

- Classification (EC 1272/2008):** Not Classified
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 XT1 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 PHRASES	CLASSIFICATION
Ethenediol (Aka Ethylene Glycol)	107-21-1	203-473-3	<90	N/A	N/A
Pure Water -					
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. 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. 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)	

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

- 9.1 **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

- 10.1 **Reactivity:** None
- 10.2 **Stability:** None
- 10.3 **Possibility of Reactions:** None
- 10.4 **Conditions to Avoid:** None



11. TOXICOLOGICAL INFORMATION

11.1 Acute Toxicity 11.2		
- LD50 oral:	>10 gm/kg	Rat (oral)
11.2 Primary Irritation		
(Skin):	Non-irritant	Rabbit
(Eye):	Product may cause discomfort	Rabbit
Adverse Effects in Man:	No adverse effects reported	
Additional Information:	None	

12. ECOLOGICAL INFORMATION

12.1 Toxicity:	Not considered hazardous
12.2 Persistence and Degradability:	The Glycerol will biodegrade within 30 days

13. DISPOSAL

13.1 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

15. REGULATORY INFORMATION

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



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'.

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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: 02 May 2025 Completed
Completed By: F Flynn