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**Edition 3.02 – 27 March 2014**

## SAFTY DATA SHEET

### Mayhems X1 Oil Black - 1 Litre

#### 1. PRODUCT AND COMPANY IDENTIFICATION

1.1	Product Identifier:	Mayhems X1 Oil Black
	Product Description:	Liquid Coolants
1.2	Intended Use:	Liquids Cooled PC's only
1.3	Manufacturer / Supplier:	Mayhems
	Address:	Unit 12 Whessoe Road, Co Durham, DL3 0QP, United Kingdom
1.4	Emergency Telephone No:	+44 (0) 7455012917 (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:	Not classified as hazardous
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#### 3. COMPOSITION, INFORMATION AND INGREDIENTS

COMPONENT	CAS no	EINECS	%	R PHASES	CLASSIFICATION
Glycerol	56-81-5	200-289-5	10	N/A	N/A
Pure Water - Density Standard	7732-18-5	231-791-2	89	N/A	N/A

#### 4. FIRST AID MEASURES

4.1	Ingestion:	Not considered hazardous
	Skin Contact:	Wash with water
	Eye Contact:	Flush with water – seek medical advice if reaction occurs
	Inhalation:	None

#### 5. FIRE FIGHTING MEASURES

5.1	Fire extinguishing agents:	None
	Restrictions:	None
	Fire/explosion hazard:	None
	Main combustion gas:	None
	Personal protection:	None

#### 6. ACCIDENTAL RELEASE OF MATERIAL

6.1	Personal Precautions:	Wash hands with soap and water immediately.
	Spillage's:	Absorb in vermiculate, dry sand or earth and place in to containers.

#### 7. HANDLING AND STORAGE

7.1	Handling:	None
7.2	Storage faculties:	Store in cool dry environment
7.3	Storage Containers:	Should be kept out of direct sunlight and kept tightly closed.



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## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

**8.1** *Components with occupational exposure limits – The following exposure limits are taken from the Health and Safety Executives Guidance note EH40 occupational exposure limits 1993.*

<b>8.2</b>	Exposure Limits:	None
	Exposure Controls:	None
	Occupational exposure controls:	None
	General Personal Protection:	None

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>9.1</b>	Form:	Liquid
	Colour:	Black 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</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.



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#### **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

#### **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: 27 march 2014  
Completed By: M Wood