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Edition 3.03 – 05 January 2015

Mayhems

SAFETY DATA SHEET (20012/58/EC)

TRADE NAME:

Mayhems Biocide Extreme

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the substance or preparation

Chemical description Mayhems Biocide Extreme

Use of the substance/preparation

Water cooling Biocide

Company/undertaking identification

Product responsibility Mayhems
Responsible department Technical Department
Supplier Mayhems
26 Lyonette road, Darlington
Co Durham, DL1 2AT
Emergency telephone n/a

2. COMPOSITION / INFORMATION ON INGREDIENTS

Information on ingredients	%	Cas-No	Symbol	R-Phrases
Copper Sulphate	>20	7758-98-7	N/R	
Citric Acid	<5	77-92-9		

N/R = Not required

3. HAZARD IDENTIFICATION

Concentrated Product is an irritant* (this product is diluted)

4. FIRST-AID MEASURES

Inhalation – Remove to a well ventilated area. Consult medical advice if reaction occurs

Skin Contact – Wash with water

Eye Contact – Flush with water – seek medical advice if reaction occurs

Ingestion – Seek medical advice

Advice for the doctor – Treat symptomatically



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5. FIRE-FIGHTING MEASURES

Fire extinguishing agents – Carbon Dioxide, Foam, Water Spray

Fire/explosion hazard - None

Main combustion gas – Carbon, Nitrogen and Sulphur Oxides

Personal protection – Self Contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

Personal protection – Gloves

Environmental precautions – Do not allow to contaminate water courses

Spillage procedure – Absorb with inert materials. Vacuum or sweep up into containers marked for disposal as chemical waste

7. HANDLING AND STORAGE

Handling

Occupational hygiene – Avoid ingestion, inhalation, skin and eye contact. Handle in accordance with good industrial hygiene practice and any legal requirements

Storage

Fire precautions

Storage facilities – Store in a cool dry area with adequate ventilation.

Segregation – No special precautions

Storage conditions –

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure limit values

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

None

Exposure Controls

Occupational exposure controls

General Personal Protection – Gloves, respiratory protection goggles

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Appearance

Form - Liquid

Colour - Dark blue

Odour – None



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Important health safety and environmental information

pH	7 – 8 at concentration 10 g/l
Boiling Point	abt. 100°C
Flash Point	N/A
Oxidising properties	NONE
Vapour pressure	
Density	1.13-0.02 g/ml at 20°C
Solubility in water	Miscible
Viscosity	Less than 25 mPa.s at 25°C
Other information	
Melting point	-10°C
Thermal decomposition	>200°C
Ignition temperature	
Explosion limits (Vol%)	Lower Upper

10.STABILITY AND REACTIVITY

Conditions to avoid -	Do not mix with acids
Materials to avoid-	None
Hazardous decomposition products –	None under normal storage conditions
Additional information	

11.DISPOSAL CONSIDERATIONS

Product disposal – Incineration, landfill, observe local regulations
Contaminated packaging – Contaminated empty containers must be disposed of as chemical waste

12.OTHER INFORMATION

Recommended restrictions on use

Mayhems product is recommended as specified or as otherwise agreed that recommendations regarding application and relevant regulations are followed. Only trained personnel should handle chemical products and adopt sound industrial hygiene practice.



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