



Unit 8, Neptune House, First Avenue, Trafford Park, Manchester M17 1JZ

TEL: 0161 755 0145

EMAIL: [info@xs-pc.com](mailto:info@xs-pc.com)

# SAFETY DATA SHEET

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 PRODUCT IDENTIFIER

#### **XSPC EC6 Coolant**

**Product Code:** 5060175582744 - Clear, 5060175582775 - Clear UV, 5060175582751 - Blue UV, 5060175582782 - Green UV, 5060175589088 - Opaque White, 5060175589057 - Opaque Blue, 5060175589064 - Opaque Green, 5060175589071 - Opaque Red, + Custom colour variations

### 1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Use Pattern: Industrial Purified / Distilled Water (CAS 7732-18-5)

Use Pattern: Multiple Food Safe Colour Dyes (CAS 3844-45-9 / 25956-17-6 / 2353-45-9)

Use Pattern: Propane-1,2-diol with corrosion inhibitor (CAS 57-55-6)

*Low oral toxicity proprietary antifreeze formulation based on refined vegetable extracts and non-toxic corrosion and scale inhibitors Classified as GRAS) Generally Regarded as Safe) as a food additive and not classified as harmful for handling or transport purposes However we recommend good working practices are employed and personal protection gear is worn when handling any chemical*

### 1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

COMPANY NAME

XSPC / WCUK Online  
Unit 8, Neptune House  
First Avenue,  
Trafford Park,  
Manchester, M17 1JZ

### 1.4 EMERGENCY TELEPHONE NUMBER

EMERGENCY INFORMATION

Tel: +44(0)161 755 0145 (office hours only)

Email : [info@xspc.com](mailto:info@xspc.com)

INTENDED USE

Industrial and Computer closed circuit cooling systems

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

**According to regulation (EC) 1272/2008 on classification, labelling and packaging of substances and mixtures**

Not classified as a hazard. No Labelling is required in accordance with GHS directives

### 2.2 LABEL ELEMENTS

HAZARD PICTOGRAMS

None required.

SIGNAL WORD

None required.

HAZARD STATEMENTS

None required.

PRECAUTIONARY STATEMENTS

None required.

Version 3  
Clear, UV Colours, Blue, Red, Green,  
Opaque White

Compiled on 20-08-2023

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### 2.3 OTHER HAZARDS

If applicable in this section are given hazards which are not part of the overall classification but can contribute to the hazards which may be associated with the substance or mixture.

Not classified as a hazard or environmental hazard under current legislation

## **SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**

### **3.1 Substances**

<b>Industrial Purified / Distilled Water</b> Concentration	60-98%
CAS No.	7732-18-5
<b>Multiple Food Safe Colour Dyes</b> Concentration	0-2%
CAS No.	3844-45-9 25956-17-6 2353-45-9
<b>Propane-1,2-diol with corrosion inhibitor</b> Concentration	20-48%
CAS No.	57-55-6
<i>Low oral toxicity proprietary antifreeze formulation based on refined vegetable extracts and non-toxic corrosion and scale inhibitors Classified as GRAS) Generally Regarded as Safe) as a food additive and not classified as harmful for handling or transport purposes. However we recommend good working practices are employed and personal protection gear is worn when handling any chemical.</i>	

### **3.2 Mixtures**

XSPC EC6 is a clear or coloured product, and can contain non-toxic UV or non UV water dyes.

### **Chemical characterization.**

## **SECTION 4: FIRST AID MEASURES**

### 4.1 **DESCRIPTION OF FIRST AID MEASURES** GENERAL INFORMATION

When safe to do so remove the person from the source of exposure giving consideration as to whether this may cause discomfort.

#### INGESTION

Move the affected person to fresh air and keep warm in a position comfortable for breathing. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.



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**INHALATION**

Move the affected person to fresh air. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get medical attention

**EYE CONTACT**

Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

**SKIN CONTACT**

Remove contaminated clothing immediately and wash skin with soap and water

**SECTION 5: FIRE FIGHTING MEASURES**

**5.1 EXTINGUISHING MEDIA**

Material will not burn. Substance is non-combustible; use agent most appropriate to extinguish surrounding fire.

**5.2 ADVICE FOR FIREFIGHTERS**

Substance is noncombustible; use agent most appropriate to extinguish surrounding fire.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

No special precautions necessary.

**6.2 ENVIRONMENTAL PRECAUTIONS**

Do not discharge into drains, water courses or onto the ground without pre-treatment.

**6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP**

Clean with absorbent material and dispose.

**6.4 REFERENCE TO OTHER SECTIONS**

Additional information: For further disposal measures see chapter 13.

**SECTION 7: HANDLING AND STORAGE**

**7.1 HANDLING**

No special measures necessary.



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## 7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Store in distributed container, with induction seal intact (where applicable), keep out of reach of children and not in direct sunlight to preserve up to the maximum storage time stated below.

## **SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

### 8.1 Specific end uses:

Ingredients with occupational exposure limits to be monitored: Not applicable

### 8.2 EXPOSURE CONTROLS

No exposure controls necessary

RESPIRATORY PROTECTION:  
HAND PROTECTION  
EYE PROTECTION  
SKIN PROTECTION

Respirator, if there is a risk of high vapour concentrations.  
PVC gloves  
Safety glasses optional  
Apron optional

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

### 9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

FORM	Liquid
COLOUR	Clear, Blue, Red, Green, White.
pH	7-5 – 9.5 (500g/l) 20c
ODOUR	Almost Odourless
MELTING POINT	0c
BOILING POINT	100c
FLASH POINT	Not applicable
IGNITION TEMPERATURE	Not determined
FLAMMABILITY	Product is not classified as flammable
DENSITY	1.04 - 1.10 depending on inhibitors and additives
VISCOSITY(dynamic)	Not determined
VISCOSITY(kinematic)	Not determined
VISCOSITY (flow time)	Not determined
SOLUBILITY IN WATER	Soluble in water

## **SECTION 10: STABILITY AND REACTIVITY**

### 10.1 REACTIVITY

Stable under normal conditions.



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## 10.2 CONDITIONS TO AVOID

Conditions to Avoid  
Materials to Avoid

Heat, flames sparks.  
Powerful oxidising agents

## 10.3 INCOMPATIBLE MATERIALS

Strong acids, strong bases, water reactive substances (e.g. acetic anhydride, alkyl aluminium chloride, calcium carbide, ethyl dichlorosilane).

## 10.4 HAZARDOUS DECOMPOSITION PRODUCTS

None provided product is correctly processed.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### 11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

Acute oral toxicity:  
Irritancy – Eyes:  
Irritancy – Skin:

LD 50/oral/rat:> 20000 mg/kg  
This material is irritating to mucous membrane/eyes.  
This material is non-irritant (Draize test) to the skin.

## **SECTION 12: ECOLOGICAL INFORMATION**

### 12.1 TOXICITY

Fish toxicity:

LC50 (96h):.100mg/l

Daphnia toxicity:

EC50 (48h):>100mg/l

Algae toxicity:

EC50 (72h):>100mg/l

Bacteria toxicity:

>1000 mg/l

### 12.2 PERSISTENCE AND DEGRADABILITY

Environmental:

Expected to Evaporate

## **SECTION 13: DISPOSAL CONSIDERATIONS**

13.1 Product Disposal:  
Container Disposal:  
Cap Disposal:

Dispose in accordance with Authority EWC no:070101  
HDPE Plastics are readily recyclable  
PET / HDPE Plastics are readily recyclable

## **SECTION 14: TRANSPORT INFORMATION**

### TRANSPORT CLASS

Classified as non-dangerous goods for transport.

### 14.1 UN NUMBER

n/a

### 14.2 PROPER SHIPPING NAME

n/a

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14.3	<u>TRANSPORT HAZARD CLASS(ES)</u>	n/a
14.4	<u>PACKING GROUP</u>	n/a
14.5	<u>ENVIRONMENTAL HAZARDS</u>	n/a.

## **SECTION 15: REGULATORY INFORMATION**

### 15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

#### **EU legislation**

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

#### **Guidance notes**

CHIP for everyone HSG228. Approved Classification and Labelling Guide (Sixth edition) L131. Safety Data Sheets for substances and preparations

### 15.2 CHEMICAL SAFETY ASSESSMENT Not determined.

## **SECTION 16: OTHER INFORMATION**

This product should be stored, handled and used in accordance with the above data. The information contained herein is accurate to the best of our knowledge and belief and is intended to describe our products from a point of view of health and safety requirements. It should not, therefore, be construed as guaranteeing specific properties. This company shall not be held liable for any damage resulting from handling or from contact with the above product

#### **Hazard statements in full**

This product is Non-Toxic and readily biodegradable (90% over 10 days).

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Approved by:	XSPC