

**COPPER POLISH  
PART B**

**SAFETY DATA SHEET**

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

PRODUCT NAME COPPER POLISH PART A  
PRODUCT NO. QF1981  
SUPPLIER Crownhill Associates Ltd  
The Old Station Yard, Station Road  
Wilburton, CB6 3PZ  
T: (01353) 749990 F: (01353) 749991

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

Name	ECNo.	Gomem	Content	Classification
HYDROGEN PEROXIDE SOLUTION	231-765-0	7722-84-1	10-30%	R5 O;R8 C;R35 Xn;R20/22

The Full Text for all R-Phrases are Displayed in Section 16

**3 HAZARDS IDENTIFICATION**

Harmful if swallowed. Risk of serious damage to eyes.

**4 FIRST-AID MEASURES**

GENERAL INFORMATION: Remove affected person from source of contamination. Get medical attention

INHALATION: Move the exposed person to fresh air at once. Get medical attention. Provide rest, warmth and fresh air.

INGESTION: DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS!  
Rinse mouth thoroughly. Drink plenty of water. Get medical attention immediately! Provide rest, warmth and fresh air.

SKIN CONTACT: Remove affected person from source of contamination. Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. Get medical attention promptly if symptoms occur after washing.

EYE CONTACT: Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

**5. FIRE-FIGHTING MEASURES**

EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials.

UNUSUAL FIRE & EXPLOSION HAZARDS

Emits oxygen easily and may cause fire or explosion if heated. May ignite other combustible materials

**6 ACCIDENTAL RELEASE MEASURES**

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

SPILL CLEAN UP METHODS

DO NOT touch spilled material. Wear necessary protective equipment. Provide ventilation and confine spill. Do not allow runoff to sewer. Neutralise small amounts with sodium bicarbonate or lime and flush to sewer with large amounts of water. Large spills, dilute, then neutralise with caustic solution. Absorb with inert, damp, non-combustible material, and then flush area with water. Inform Authorities if large amounts are involved.

**7 HANDLING AND STORAGE**

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.. Eye wash facilities and emergency shower must be available when handling this product.

STORAGE PRECAUTIONS

Oxidising material – Keep away from flammable and combustible materials. Store isolated from reducing agents. Store in tightly closed original container, in a dry and cool place at temperature between 5°C and 30°C.

STORAGE CLASS

Oxidiser storage.

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### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name:	Std	ILT ppm	LT - mg/m <sup>3</sup>	ST – ppm	ST - mg/m <sup>3</sup>
HYDROGEN PEROXIDE SOLUTION	WEL	1 ppm	1.4 mg/m <sup>3</sup>	2 ppm	2.8 mg/m <sup>3</sup>

#### PROTECTIVE EQUIPMENT



**PROCESS CONDITIONS:** Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station.

**ENGINEERING MEASURES:** Provide adequate general and local exhaust ventilation.

**RESPIRATORY EQUIPMENT:** Respiratory protection must be used if air contamination exceeds acceptable level. DO NOT use oxidisable sorbents.

**HAND PROTECTION:** Use protective gloves.

**EYE PROTECTION:** Wear approved safety goggles or face shield.

**OTHER PROTECTION:** Wear appropriate clothing to prevent any possibility of skin contact

**HYGIENE MEASURES:** DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear Liquid
COLOUR	Colourless
SOLUBILITY	Soluble in water
RELATIVE DENSITY	1.1 – 1.2 @ 20°C

### 10 STABILITY AND REACTIVITY

**STABILITY:** Stable under normal temperature conditions and recommended use.

**CONDITIONS TO AVOID:** Avoid heat

**MATERIALS TO AVOID:** Bases, alkalise (inorganic). Strong reducing agents. Flammable/combustible material.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Vapours/gases/fumes of; Oxygen

### 11 TOXICOLOGICAL INFORMATION

**INHALATION:** May damage irritation to the respiratory system.

**INGESTION:** Swallowing concentrated chemical may cause severe internal injury. Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.

**SKIN CONTACT:** Strong irritating. Prolonged contact may cause burns.

**EYE CONTACT:** Extreme irritation of eyes and mucous membranes, including burning and tearing.

**HEALTH WARNINGS:** RESPIRATORY SYSTEM. Serious damage to the lining of the nose, throat and lungs.

Name	HYDROGEN PEROXIDE SOLUTION
Toxic Dose 1 – LD 50	841 mg/kg (oral rat)

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### 12 ECOLOGICAL INFORMATION

Name	HYDROGEN PEROXIDE SOLUTION
LC 50, 96 Hrs, FISH mg/l	16.4
EC 50, 48 Hrs, DAPHNIA, mg/l	2.4
IC 50, 72 Hrs, ALGAE, mg/l	0.85
Bioaccumulation potential	
Will not bio-accumulate.	
DEGRADABILITY: The product is biodegradable.	

### 13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Dispose of waste and residues in accordance with local authority requirements.

### 14 TRANSPORT INFORMATION



UK ROAD CLASS	5.1		
PROPER SHIPPING NAME	HYDROGEN PEROXIDE, AQUEOUS SOLUTION		
UN NO. ROAD	2014	UK ROAD PACK GR.	II
ADR CLASS NO.	5.1	ADR CLASS	Class 5.1: Oxidising substances.
ADR PACK GROUP	II	HAZARD No. (ADR)	58
ADR LABEL NO.	5.1 & 8	HAZCHEM CODE	2P
CEPIC TEC(R) NO.	51GOC1-I+ II + III	RID CLASS NO.	5.1
RID PACK GROUP	II	UN NO. SEA	2014
IMDG CLASS	5.1	IMDG PAGE NO.	II
EMS	F-H, S-Q	MFAG	See Guide
MARINE POLLUTANT	No	UN NO. AIR	2014
AIR CLASS	5.1	AIR PACK GR.	II

### 15 REGULATORY INFORMATION

LABELLING: Harmful



CONTAINS: HYDROGEN PEROXIDE SOLUTION

RISK PHRASES: R22, R41  
SAFETY PHRASES: S25, S26, S39, S60

Harmful if swallowed.  
Risk of serious damage to the eyes.

Revision Date: 26 Feb. 08

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## **COPPER POLISH PART B**

Avoid contact with eyes.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Wear eye / face protection.

This material and its container must be disposed of as hazardous waste.

UK REGULATORY REFERENCES: Health and Safety at Work Act 1974. The Control of Substances Hazardous to Health Regulations 1988.

STATUTORY INSTRUMENTS: Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

GUIDANCE NOTES: Workplace Exposure Limits EH40.

### **16 OTHER INFORMATION**

#### **DISCLAIMER**

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy or reliability.