

**COPPER POLISH
 PART A**

SAFETY DATA SHEET

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

PRODUCT NAME COPPER POLISH PART A
 PRODUCT NO. QF1979
 SUPPLIER Crownhill Associates Ltd
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2. COMPOSITION/INFORMATION ON INGREDIENTS

Name	ECNo.	Gomem	Content	Classification
SULPHURIC ACID	231-639-5	7664-93-9	5-10%	C;R35
METHANOL	200-659-6	67-56-1	5-10%	F;R11 T;R23/24/25, R39/23/24/25
BUT-2-YNE-1,4-DIOL	203-788-6	110-65-6	1-5%	T;R23/25 C;R34 Xn;R21,R48/22R43
PROPARGYL ALCOHOL	203-471-2	107-19-7	<1	R10 T;R23/24/25 C;R34 N;R51/53
FORMALDEHYDE	200-001-8	50-00-0	<1	Carc3;R40 T;R23/24/25 C;R34 R43

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

3 HAZARDS IDENTIFICATION

Harmful by inhalation, in contact with skin and if swallowed, irritating to eyes and skin. May cause sensitisation by skin contact. Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed.

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. Remove contaminated clothing. Wash the skin immediately with soap and 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-FIGHTINGMEASURES

EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials.

UNUSUAL FIRE &EXPLOSION HAZARDS

May develop highly toxic or corrosive fumes if heated.

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. Absorb with inert, damp, non-combustible material, 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.

STORAGE PRECAUTIONS

Store in tightly closed original container, in a dry and cool place at temperature between 5°C and 30°C.

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STORAGE CLASS
Chemical storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name:	Std	ILT ppm	LT - mg/m3	ST – ppm	ST - mg/m3
SULPHURIC ACID	OES		1 mg/m3		
METHANOL	WEL	200 ppm(Sk)	266 mg/m3(Sk)	250 ppm(Sk)	333 mg/m3(Sk)
PROPARGYL ALCOHOL	WEL	1 ppm(Sk)	2.3 mg/m3(sk)	3 ppm(Sk)	7 mg/m3(Sk)
FORMALDEHYDE	MEL	2 ppm	2.5 mg/m3	2 ppm	2.5 mg/m3

PROTECTIVE EQUIPMENT



PROCESS CONDITIONS: Use engineering controls to reduce air contamination to permissible exposure level.

ENGINEERING MEASURES: Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT: Respiratory protection must be used if air contamination exceeds acceptable level.

HAND PROTECTION: Use protective gloves.

EYE PROTECTION: Wear approved safety goggles.

OTHER PROTECTION: Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour 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	Yellow
SOLUBILITY	Soluble in water
pH-VALUE, CONC, SOLUTION	<1
RELATIVE DENSITY	1.035 – 1.049 @ 20°C

10 STABILITY AND REACTIVITY

STABILITY: Stable under normal temperature conditions.

11 TOXICOLOGICAL INFORMATION

INHALATION: Prolonged inhalation of high concentrations may damage respiratory system.

INGESTION: Harmful; danger of serious damage to health by prolonged exposure if swallowed.

SKIN CONTACT: Harmful in contact with skin

EYE CONTACT: Irritating to eyes.

HEALTH WARNINGS: The product causes irritation of mucous membranes and may cause abdominal discomfort if swallowed.

Name SULPHURIC ACID

12 ECOLOGICAL INFORMATION

ACUTE FISH TOXICITY: Concentrations which give low pH may be fatal to fish and aquatic organisms

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DEGRADABILITY: The product is biodegradable.

Name	SULPHURIC ACID
Mobility	
The product is soluble in water	
Bioaccumulation potential	
Will not bio-accumulate.	
Name	METHANOL
LC 50, 96 Hrs, FISH mg/l	>20000
EC 50, 48 Hrs, DAPHNIA, mg/l	>10000
Mobility	
The product is soluble in water	
Bioaccumulation potential	
Will not bio-accumulate.	
Name	BUT-2-YNE-1,4-DIOL

13 DISPOSAL CONSIDERATIONS

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

14 TRANSPORT INFORMATION

GENERAL	The product is not covered by international regulation on the transport of dangerous goods(IMDG, ATA, ADR/RID), No transport warning sign required.
MARINE POLLUTANT	NO.

15 REGULATORY INFORMATION

LABELLING: Harmful



CONTAINS: METHANOL, BUT-2-YNE-1,4-DIOL

RISK PHRASES: R43, R20/21/22, R36/38 R68/20/21/22
SAFETY PHRASES: S25, S26, S36/37, S60

May cause sensitization by skin contact.
Harmful by inhalation.
Harmful in contact with skin.
Harmful if swallowed.
Irritating to eyes.
Irritating to skin.
Possible risk of irreversible effects.

Avoid contact with eyes.
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Wear suitable protective clothing.
Wear suitable gloves.
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.

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16 OTHER INFORMATION

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.