

**SAFETY DATA SHEET****1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

1.1 Product identifier	METALLIC 871-876 Q/S GOLD SERIES
1.2 Relevant identified uses of the substance or mixture and uses advised against	Printing Ink
1.3 Details of the supplier of the safety data sheet	
MFG..DEPT.	MEGAMI INK MFG.CO.,LTD GUNMA FACTORY Gunma Pref. Annaka City Matsuida-Machi Matsuida 705-1 +81-27-393-1718(TEL) +81-27-393-0530(FAX) E-Mail gunkan@megamiink.com
QC..DEPT.	MEGAMI INK MFG.CO.,LTD TOKYO OFFICE TECHNICALCENTER QUALITY ASSURANCE DEPT. +81-48-994-4775(TEL) +81-48-994-4785(FAX) E-Mail hinsho@megamiink.com
1.4Emergency telephone number	+81-48-994-4770

**Distributor:** BJ Ball  
**Address:** 221-251 Discovery Road  
Dandenong South, Victoria 3175.

**2. HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture

Mixture

2.2 Label elements

SYMBOL



SIGNAL WORD

DANGER

HAZARD STATEMENTS

H317 May cause an allergic reaction.  
H335 May cause respiratory irritation  
H370 Causes damage to organs  
H401 Toxic to aquatic life  
H411 Toxic to aquatic life with long-lasting effects

PRECAUTIONARY STATEMENTS  
PREVENTION

P261 Avoid breathing dust/fumes/gas/mist/vapours/spray.  
P264 Wash hands thoroughly after handling.  
P270 Do not eat, drink or smoke when using this products.  
P271 Use only outdoors or in a well-ventilated area.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.

RESPONSE

P302/352 If on Skin: Wash with soap and water.  
P304/340 If Inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P308/313 If exposed: Call a POISON CENTER or doctor/physician.  
P333/313 If skin irritation or rash occurs, Get medical advice.  
P363 Wash contaminated clothing before reuse.  
P391 Collect spillage.

STORAGE  
DISPOSAL

P411/235 Store at temperatures not exceeding 25°C, keep cool.  
P501 Dispose of contents, container in accordance with applicable Laws and Regulation.

**Telephone:** 0387943550  
**Email:** [Vicsales@bjball.com.au](mailto:Vicsales@bjball.com.au)

**Emergency Phone No:** 0387943550  
**Emergency Phone No After Hours:** 131126

**3. COMPOSITION / INFORMATION ON INGREDIENTS**3.2 Mixture

Ingredients	%Range	CAS	Hazard Information
Copper	35-45	7440-50-8	H317, H335, H370
Zinc	10-15	7440-66-6	H400, H410

#### 4. FIRST AID MEASURES

##### 4.1 Description of first aid measures

EYE	If this product comes in contact with the eye wash out immediately with fresh running water. If pain persists or recurs seek medical attention.
SKIN	If skin contact occurs flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation.
INHALED	If fumes or combustion products are inhaled remove from contaminated area. Lay patient down. Keep warm and rested. Transport to hospital, or doctor.
SWALLOWED	If swallowed do not induce vomiting. Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink. Seek medical advice.

##### 4.2 Most important symptoms and effects, both acute and delayed

The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

##### 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

#### 5. FIRE FIGHTING MEASURES

<u>5.1 Extinguishing media</u>	Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.
<u>5.2 Special hazards arising from the substance or mixture</u>	Hazardous combustion products.
<u>5.3 Advice for firefighters</u>	Required the use of respiratory protective equipment.

#### 6. ACCIDENTAL RELEASE MEASURES

<u>6.1 Personal precautions, protective equipment and emergency procedures</u>	Wear protective clothing as described.
<u>6.2 Environmental precautions</u>	In the case of contamination of rivers, lakes or drains notify relevant authorities in accordance with local regulations.
<u>6.3 Methods and material for containment and cleaning up</u>	Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate, Clean-up personnel should use respiratory and/or liquid contact protection. Inform Authorities if large amounts are involved.
<u>6.4 Reference to other sections</u>	For waste disposal, see section 13.

#### 7. HANDLING AND STORAGE

<u>7.1 Precautions for safe handling</u>	Avoid breathing vapors and contact with skin and eyes. Avoid reaction with oxidizing agents. Avoid sources of heat. Wear personal protective equipment when handling. Wash hands with soap and water after handling.
<u>7.2 Conditions for safe storage, including any incompatibilities</u>	Store in a cool place lower than 25°C. Avoid Sun light.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>8.1 Control parameters</u>	Petroleum hydrocarbon      ACGIH 2010 (TLV-TWA) 5mg/m <sup>3</sup> Copper                              ACGIH 2010 (TLV-TWA) 1mg/m <sup>3</sup>
<u>8.2 Exposure controls</u>	Individual protection measures, such as personal protective equipment.
Respiratory protection	Respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.
Hand protection	Chemical resistant gloves made of Butyl rubber or Polyethylene-polyvinyl alcohol laminated rubber.
Eye/ face protection	Safety Glasses with side shields, goggles, or face shield.

Skin and body protection

Suitable safety clothes, aprons, shoes and protective boots.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

APPEARANCE	Gold paste
ODOR	Slight odor
MELTING POINT	No information on the product.
FLASH POINT	No information on the product.
VAPOR PRESSURE	No information on the product.
SOLUBILITY	Insoluble in water
SPECIFIC GRAVITY	1.30~1.40 (25℃)
N-OCTANOL/WATER IGNITION TEMPRATURE	No information on the product.
PECOMPOSITION TEMPURATURE	No information on the product.
<u>9.2 Other information</u>	Not determined

## 10. CHEMICAL STABILITY AND REACTIVITY INFORMATION

<u>10.1 Reactivity</u>	There are no known reactivity hazards associated with this product.
<u>10.2 Chemical stability</u>	Stable under normal temperature conditions.
<u>10.3 Possibility of hazardous reactions</u>	No information on the product.
<u>10.4 Conditions to avoid</u>	No information on the product.
<u>10.5 Incompatible materials</u>	No information on the product.
<u>10.6 Hazardous decomposition product:</u>	No information on the product.

## 11. TOXICITY INFORMATION

### 11.1. Information on toxicological effects

Acute toxicity (Oral)	No information on the product.	
Skin corrosion/irritation	No information on the product.	
Serious eye damage/eye irritation	No information on the product.	
Skin Sensitizers	Category1	H317 as concentration of Copper $\geq$ 1%
Carcinogenicity	No information on the product.	
Specific target organ toxicity exposure	Category3	H335 as concentration of Copper $\geq$ 10%
	Category1	H370 as concentration of Copper $\geq$ 1%
Specific target organ toxicity Repeated exposure	No information on the product.	

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

Hazardous to the aquatic environment, Acute hazard	Category2	H401 as concentration of Zinc $\geq$ 25%
Hazardous to the aquatic environment, Chronic hazard	Category2	H411 as concentration of Zinc $\geq$ 25%

12.2 Persistence and degradability There are no data on the degradability of this product.

12.3 Bioaccumulative potential No data available on bioaccumulation.

12.4 Mobility in soil No data available.

12.5 Results of PBT and vPvB assessment  
Not Classified as PBT/vPvB by current EU criteria.

## 13. DISPOSAL CONSIDERATIONS

<u>13.1 Waste treatment methods</u>	Consult manufacturer for recycling options and recycle where possible consult waste management authority for disposal. Incinerate residue at an approved site. Recycle containers where possible or dispose of in an authorized landfill.
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**14. TRANSPORTATION INFORMATION**

<u>14.1 UN number</u>	3082
<u>14.2 UN proper shipping name</u>	Environmentally hazardous substance (Liquid) Printing ink
<u>14.3 Transport hazard class</u>	IMDG/IATA Coad: Class 9
<u>14.4 Packing group</u>	PG. III
<u>14.5 Environmental hazards</u>	Marine pollutant, Yes.
<u>14.6 Special precautions for user</u>	Not applicable
<u>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</u>	Not applicable

**15. REGULATORY INFORMATION**

<u>15.1 Safety, health and environmental regulations legislation specific for the substance or mixture</u>	Please compliance of the laws in your country.
<u>15.2 Chemical safety assessment</u>	No chemical safety assessment has been carried out for this mixture by the supplier.

**16. OTHER INFORMATION**

Safety Data Sheet(SDS) is intended to provide for general industrial use as reference information in order to ensure the proper handling. It was created on the basis of reliable information but it is not a guarantee of the manufacturer. Please take your appropriate measures of handling, etc. in their own responsibility.