

# Safety Data Sheet

Issue Date 2018/01/15  
Version 1

## 1. IDENTIFICATION

**Identification of the product** AQLECONEO HGJ MAG MZ US

**Reference number** AGHSENA0096261 - 1

**Recommended uses and restrictions on use** Ink

**Supplier** TOYO INK AMERICA, LLC  
1225 N. Michael Drive, Wood Dale, IL 60191, USA  
TEL : 866-969-8696

**Emergency Telephone Number** 800-424-9300 (Chemtrec)

## 2. HAZARDS IDENTIFICATION

### Classification

**Health hazards**  
Not classified

**Physical and chemical hazards**  
Not classified

**GHS Label elements, including precautionary statements**  
Not classified

### Emergency Overview

<b>Signal Word</b>	None		
<b>Hazard Statements</b>	No hazard statement		
<b>Color</b>	red	<b>Physical State</b>	Liquid(viscous)
		<b>Odor</b>	Oily

### Precautionary Statements

#### OTHER INFORMATION

**Hazards not otherwise classified (HNOC)**  
No information available

**Other hazards**  
May be harmful in contact with skin

#### Unknown Acute Toxicity

94.2% of this mixture contains ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/mixture                      Mixture

Chemical Name	Weight	CAS No.
Synthetic resin	30 - 40%	Trade Secret
Vegetable oil	30 - 40%	Trade Secret
Pigment	10 - 20%	Trade Secret
Mineral oil	5 - 15%	Trade Secret
Adjuvant	1 - 10%	Trade Secret

The exact percentage (concentration) and/or the specific chemical identity of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

#### Description of necessary first-aid measures

**Eye contact**                      Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes  
Get medical attention immediately

**Skin contact**                      Remove as much as possible by wiping  
Wash off immediately with soap and plenty of water  
Get medical attention immediately if symptoms occur

**Inhalation**                      Move victim to fresh air  
Get medical attention immediately if symptoms occur

**Ingestion**                      Get medical attention immediately

#### Most important symptoms/effects, acute and delayed

**Anticipated acute and delayed effects**      No information available

**Most Important Symptoms/Effects**              No information available

#### Indication of immediate medical attention and special treatment needed, if necessary

**Notes to physician**                      Treat symptomatically

### 5. FIRE FIGHTING MEASURES

#### Suitable/unsuitable extinguishing media

**Extinguishing media**                      Carbon dioxide (CO<sub>2</sub>), Foam, Dry powder

**Extinguishing Media Which Must Not Be Used For Safety Reasons**      No information available

**Specific hazards arising from the chemical**      See section 10 (Hazardous decomposition products)

**Specific methods**                      May ignite combustibles (wood paper, oil, clothing, etc.)  
Cool drums with water spray

**Special protective equipment for fire-fighters**      Wear personal protective equipment  
Evacuate area and fight fire from a safe distance

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions, protective equipment, and emergency procedures**      Wear suitable protective clothing  
Evacuate personnel to safe areas

**Secondary disaster prevention measures**      Remove all sources of ignition

**Environmental precautions**      Dike to collect large liquid spills  
Keep out of drains, sewers, ditches and waterways

**Recovery and neutralization**      Take up with sand, earth or other non-combustible absorbent material  
A lot of leakage things have the flow first stopped by earth and sand etc., and need to be led to a safe place.  
Keep in suitable, closed containers for disposal  
Use only non-sparking tools

## 7. HANDLING AND STORAGE

### Handling

**Technical measures**      Ensure adequate ventilation  
Risk of self-ignition of used cleaning rags, paper wipes etc. Contaminated materials should be soaked in water and placed in a closed metal container before disposal

**Advice on safe handling**      Wash hands before breaks and immediately after handling the product  
Do not eat, drink or smoke when using this product

**Hygiene measures**      Handle in accordance with good industrial hygiene and safety practice

### Storage

**Technical measures/Storage conditions**      Protect from direct sunlight  
Keep container tightly closed in a dry and well-ventilated place

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines**      No information available

**Engineering measures**      Ensure adequate ventilation

### Personal protective equipment

**Eye protection**      Safety glasses with side-shields

**Hand protection**      Protective gloves

**Skin and body protection**      Long sleeved clothing Chemical resistant apron Antistatic boots

**Respiratory protection**      In case of insufficient ventilation, wear suitable respiratory equipment

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

**Physical State**      Liquid(viscous)      **Color**      red  
**Odor**      Oily      **Odor Threshold**      No information available

### Property

**pH VALUE**      No information available

<b>Melting point/range</b>	No information available
<b>Boiling Point/Range</b>	No information available
<b>Flash point</b>	132 °C and above -
<b>Evaporation rate</b>	No information available
<b>Flammability (solid, gas)</b>	No information available
<b>Upper/lower flammability or explosive limits</b>	No information available
<b>Vapor pressure</b>	No information available
<b>Vapor density</b>	No information available
<b>Specific Gravity</b>	0.9 - 1.1 / 25 °C
<b>Water solubility</b>	poorly soluble
<b>Solubility in other solvents</b>	Soluble in organic solvents
<b>Partition Coefficient (n-octanol/water)</b>	No information available
<b>Autoignition temperature</b>	No information available
<b>Decomposition temperature</b>	No information available
<b>Viscosity</b>	No information available
<b>Molecular Weight</b>	No information available
<b>VOC Content</b>	87 g/l

## 10. STABILITY AND REACTIVITY

### Stability / Hazardous Reactions

#### **Stability**

Oxidation polymerization is gradually caused by air.

#### **Possibility of hazardous reactions**

When the waste cloths which wiped this product are piled, it generates heat by air-oxidation and possibly fire comes out.

### Conditions to avoid

High temperature and high humidity

### Materials to avoid

See section 10.

### Hazardous decomposition products

This product might produce poisonous gases such as CO,NOx by combustion.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

See Section 4

#### **Acute toxicity**

No acute toxicity information is available for this product

#### **Unknown Acute Toxicity**

94.2% of this mixture contains ingredient(s) of unknown toxicity

#### **Skin corrosion/irritation**

No Information available as a product

#### **Serious eye damage/eye irritation**

No Information available as a product

#### **Respiratory sensitization**

No Information available as a product

#### **Skin sensitization**

No Information available as a product

#### **Germ cell mutagenicity**

No Information available as a product

#### **Carcinogenicity**

No Information available as a product

#### **Reproductive toxicity**

No Information available as a product

#### **Specific target organ toxicity**

No Information available as a product

(single exposure)

**Specific Target Organ Toxicity (Repeated Exposure)** No Information available as a product

**Aspiration hazard** No Information available as a product

**12. ECOLOGICAL INFORMATION**

**Environmental hazards** There is no known ecological information for this product

**Persistence and degradability** No information available

**Bioaccumulative potential** No information available

**13. DISPOSAL CONSIDERATIONS**

**Waste from residues/unused products** To discard the container after using up the contents  
Dispose of in accordance with federal, state and local regulations

**Contaminated packaging** Empty containers should be recycling or disposal in accordance with the law

**14. TRANSPORT INFORMATION**

ADR/RID ICAO/IATA IMDG/IMO

**UN number** Not applicable

**UN Proper shipping name** Not applicable

**UN Classification** Not applicable

**Packaging group** Not applicable

**Marine pollutant** No

**Emergency Response Guide Number** 133

**Special safety measures** Ground and bond containers when transferring material

**15. REGULATORY INFORMATION**

Domestic Regulations

U.S. Federal Regulations

**TSCA Section 5(a)(2) SNURs**  
Not applicable

**SARA 313**  
Not applicable

**SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	No
<b>Sudden Release of Pressure Hazard</b>	No

**Reactive Hazard** No

**Clean Air Act**

Chemical Name	CAA - 1990 Hazardous Air Pollutants
Ethylbenzene	Listed
Xylene	Listed

**U.S. State Regulations**

**California Proposition 65**

WARNING: This product contains a chemical [or chemicals] known to the State of California to cause cancer, birth defects and/or other reproductive harm.

Chemical Name	U.S. - CA Prop 65 Carcinogens	U.S. - CA Prop 65 Developmental	U.S. - CA Prop 65 Reproductive Male	U.S. - CA Prop 65 Reproductive Female
Ethylbenzene	Listed	-	-	-

International Regulations

**Basel Convention (Hazardous Wastes)**

Not Listed

**Montreal Protocol (Ozone Depleting Substances)**

Not Listed

**Stockholm Convention (Persistent Organic Pollutants)**

Not Listed

**Rotterdam Convention (Chemicals Subject to Prior Informed Consent (PIC))**

Not Listed

A civil law except the above and foreign legal regulation

U.S. TSCA: All ingredients in this product are listed on the Toxic Substances Control Act (TSCA) Inventory.

**16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**

<b>NFPA</b>	<b>NFPA Health Hazard</b>	1	<b>NFPA Flammability</b>	1	<b>NFPA Instability</b>	0	<b>NFPA Special Hazard</b>	-
<b>HMIS</b>	<b>HMIS Health</b>	1	<b>HMIS Flammability</b>	1	<b>HMIS Physical Hazard</b>	0	<b>HMIS Personal Protection</b>	B

**Legend**

**Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA:	Time weighted average	STEL:	Short term exposure limit
Ceiling:	Maximum limit value	IDLH:	Immediately Dangerous to Life or Health
S*:	Skin absorption	S+:	Sensitizer

<b>Manufacturer</b>	TOYO INK CO., LTD. 1, Sakae, Kawagoe City, Saitama, 350-0803, JAPAN +81-49-233-2240
<b>Literary reference</b>	ACGIH (American Conference of Governmental Industrial Hygienists) Classification according to Regulation (EC) No. 1272/2008 [CLP] IARC (International Agency for Research on Cancer) NIOSH (National Institute for Occupational Safety and Health) NTP (National Toxicology Program) OSHA (Occupational Safety and Health Administration of the US Department of Labor)
<b>Issue Date</b>	2018/01/15
<b>Revision Date</b>	-
<b>Version</b>	1

- The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication.
- The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.
- When you export this product or the chemical substances including this product, please certainly obey the law of the export destination countries. If you have any questions, please contact our sales division.

**End of Safety Data Sheet**