

Safety Data Sheet

Issue Date 2023/09/20

Version 1

1. IDENTIFICATION

Identification of the product	AQUALESS PROCESS MAGENTA LT
Reference number	AGHSENA0151378 - 1
Recommended uses and restrictions on use	Ink
Supplier	TOYO INK AMERICA, LLC 1225 N. Michael Drive, Wood Dale, IL 60191 U.S.A TEL: +1-630-930-5100 FAX: +1-630-628-1769
Emergency Telephone Number	800-424-9300 (Chemtrec, 24/7 call center support), Acct.CCN22523 (TOYO INK AMERICA, LLC)

2. HAZARDS IDENTIFICATION

Classification

Health hazards


Acute toxicity - Inhalation (Dusts/Mists)	Category 4
---	------------

Physical and chemical hazards

Not classified

GHS Label elements, including precautionary statements

Emergency Overview

Signal Word	WARNING		
Hazard Statements	Harmful if inhaled		
			
Color	magenta	Physical State	Solid(paste)
		Odor	No information available

Precautionary Statements

Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray

Use only outdoors or in a well-ventilated area

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing
Call a POISON CENTER or doctor if you feel unwell

OTHER INFORMATION**Hazards not otherwise classified (HNOC)**

No information available

Unknown Acute Toxicity

81.8 % of the mixture consists of ingredient(s) of unknown acute toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS**Substance/mixture**

Mixture

Chemical name	Weight-%	CAS No.
Oleo-resinous vehicle	20 - 30%	Trade Secret
C.I Pigment Red 57:1	10 - 20%	5281-04-9
Resin	10 - 20%	-
Soybean oil	10 - 20%	8001-22-7
Tall oil fatty acids	5 - 10%	61790-12-3

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
Keep at rest
If breathing is irregular or stopped, administer artificial respiration
If symptoms persist, call a physician

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	Water spray, Carbon dioxide (CO ₂), Foam, Dry powder, Dry sand
----------------------------	--

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

<u>Specific hazards arising from the chemical</u>	See section 10 (Hazardous decomposition products)
--	---

<u>Specific methods</u>	Promptly remove flammables (wood, paper, oil, clothes, etc.) that may be ignited from around the fire site. Cool the closed container exposed to high temperature with water spray.
--------------------------------	--

<u>Special protective equipment for fire-fighters</u>	Wear personal protective equipment Evacuate area and fight fire from a safe distance
--	---

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	Wear suitable protective clothing
------------------------------------	-----------------------------------

For emergency responders	Evacuate personnel to safe areas
---------------------------------	----------------------------------

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

<u>Environmental precautions</u>	Dike to collect large liquid spills Keep out of drains, sewers, ditches and waterways
---	--

<u>Recovery and neutralization</u>	Collect and dispose
---	---------------------

7. HANDLING AND STORAGE

Handling

Technical measures	Ensure adequate ventilation
---------------------------	-----------------------------

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

<u>Exposure Guidelines</u>	No information available
-----------------------------------	--------------------------

<u>Engineering measures</u>	Ensure adequate ventilation
------------------------------------	-----------------------------

Personal protective equipment

Eye protection	Goggles
-----------------------	---------

Hand protection	Rubber/latex/neoprene or other suitable chemical resistant 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 Solid(paste) **Color** magenta
Odor No information available **Odor Threshold** No information available

Property

pH VALUE No information available
Melting point/Freezing point No information available
Boiling point or initial boiling point and boiling range No information available
Flash point Not flammable 375 °F and above
Evaporation rate No information available
Flammability (solid, gas) No information available
Upper/lower flammability or explosive limits No information available
Vapor pressure No information available
Relative vapour density No information available
Specific Gravity approx 1 - 1.2
Water solubility Insoluble
Solubility in other solvents No information available
Partition coefficient n-octanol /water (log value) No information available
Autoignition temperature No information available
Decomposition temperature No information available
Viscosity No information available
VOC Content (%) Calculated 10.1

10. STABILITY AND REACTIVITY

Stability / Hazardous Reactions

Stability Stable under normal conditions
 Stable at normal handling

Possibility of hazardous reactions No information available

Conditions to avoid Heat, flames and sparks

Materials to avoid No information available

Hazardous decomposition products No information available

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure See Section 4

Acute toxicity Classification based on data available for ingredients

Unknown Acute Toxicity 81.8 % of the mixture consists of ingredient(s) of unknown acute toxicity

Chemical name	Acute toxicity (oral)	Acute toxicity (dermal)	Acute toxicity (inhalative)
C.I Pigment Red 57:1	LD50 > 5000 mg/kg (Rat)	-	LC50 > 4.76 mg/L (Rat) 4 h

	OECD_SIDS		ECHA
--	-----------	--	------

OECD_SIDS: Organisation for Economic Co-operation and Development - Screening Information Data Sets
ECHA: European Chemicals Agency

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	Classification based on data available for ingredients
Reproductive toxicity	Classification based on data available for ingredients
Specific target organ toxicity (single exposure)	Classification based on data available for ingredients
Specific Target Organ Toxicity (Repeated Exposure)	Classification based on data available for ingredients
Aspiration hazard	Classification based on data available for ingredients

12. ECOLOGICAL INFORMATION

Environmental hazards	Classification based on data available for ingredients
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 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 Not applicable

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

Chemical name	CAS No.	CERCLA/SARA Section 313 De minimis limit
Manganese tallate	8030-70-4	$\geq 1.0\%$

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Air Act

Not applicable

CERCLA

Not applicable

U.S. State Regulations

California Proposition 65

Not applicable

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	New Jersey - Special Health Hazards Substances List	Pennsylvania	Massachusetts
Soybean oil	-	-	Listed	-
Linseed oil	-	-	Listed	-

International Regulations

Basel Convention - Hazardous Wastes

Not Listed

Montreal Protocol - Ozone Depleting Substances

Not Listed

Stockholm Convention - Persistent Organic Pollutants (POPs)

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

<u>NFPA</u>	NFPA Health Hazard	1	NFPA Flammability	1	NFPA Instability	1	NFPA Special - Hazard
<u>HMIS</u>	HMIS Health	1	HMIS Flammability	1	HMIS Physical Hazard	1	HMIS Personal - Protection

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

Manufacturer Same as Supplier

Literary reference ACGIH (American Conference of Governmental Industrial Hygienists)
IARC (International Agency for Research on Cancer)
Classification according to Regulation (EC) No. 1272/2008 [CLP]
NIOSH (National Institute for Occupational Safety and Health)
NTP (National Toxicology Program)
OSHA (Occupational Safety and Health Administration of the US Department of Labor)

Issue Date 2023/09/20**Revision Date** -**Version** 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.

End of Safety Data Sheet