

Safety Data Sheet

Issue Date 2023/09/20

Version 1

1. IDENTIFICATION

Identification of the product	AQUALESS PROCESS YELLOW LT
Reference number	AGHSENA0151377 - 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

Not classified

Physical and chemical hazards

Not classified

GHS Label elements, including precautionary statements

Not classified

Emergency Overview

Signal Word		None	
Hazard Statements		No hazard statement	
Color		yellow	
Physical State		Solid(paste)	
Odor		No information available	

Precautionary Statements

None

OTHER INFORMATION

Hazards not otherwise classified (HNOC)

No information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/mixture Mixture

Chemical name	Weight-%	CAS No.
Oleo-resinous vehicle	30 - 40%	Trade Secret
Soybean oil	10 - 20%	8001-22-7
Pigment Yellow 12	10 - 20%	6358-85-6
Resin	5 - 10%	-
Linseed oil	5 - 10%	8001-26-1

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 Water spray, Carbon dioxide (CO₂), Foam, Dry powder, Dry sand

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 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.

Special protective equipment for Wear personal protective equipment

fire-fighters

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

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

Recovery and neutralization 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

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	Solid(paste)	Color	yellow
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 305 °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 0.95 - 1.05
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 (%)	Actual value .47

10. STABILITY AND REACTIVITY

Stability / Hazardous Reactions

Stability	Stable under normal conditions Stable at normal handling
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Possibility of hazardous reactions	No information available
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<u>Conditions to avoid</u>	Heat, flames and sparks
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<u>Materials to avoid</u>	No information available
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<u>Hazardous decomposition products</u>	No information available
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11. TOXICOLOGICAL INFORMATION

<u>Information on likely routes of exposure</u>	See Section 4
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Acute toxicity	Classification based on data available for ingredients
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Skin corrosion/irritation	No Information available as a product
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Serious eye damage/eye irritation	No Information available as a product
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Respiratory sensitization	No Information available as a product
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Skin sensitization	No Information available as a product
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Germ cell mutagenicity	No Information available as a product
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Carcinogenicity	Classification based on data available for ingredients
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Reproductive toxicity	Classification based on data available for ingredients
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Specific target organ toxicity (single exposure)	Classification based on data available for ingredients
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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

Chemical name	Fish(96h)	Crustacea(48h)	Algae(72h)
Pigment Yellow 12	-	-	-

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	>=1.0%

SARA 311/312 Hazard Categories

Acute Health Hazard	No
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