

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

10100341CJ

Material name AQUALESS ULTRA YELLOW L
Version # 03
Revision date 14-Sep-2011
CAS # Mixture
Product code 10100341IM
Manufacturer information TOYO Ink America, LLC.
1225 Michael Dr.
Wood Dale, IL 61091 US
Fax: (630) 628-1759
Phone: (630) 930-5068
Chemtrec 800-424-9300

2. Hazards Identification

Emergency overview Health injuries are not known or expected under normal use.
Potential health effects
Routes of exposure Not applicable.
OSHA regulatory status Please see section 11 and 15 for product and component exposure guidelines. Components not listed in section 3 are not a physical or health hazard as defined in 29 CFR 1910.1200.

3. Composition / Information on Ingredients

Not available.

4. First Aid Measures

First aid procedures
Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
General advice If you feel unwell, seek medical advice (show the label where possible).

5. Fire Fighting Measures

Flash point > 266 °F (> 130 °C)
Protection of firefighters
Protective equipment and precautions for firefighters Move containers from fire area if you can do so without risk. In the event of fire, cool tanks with water spray. Use water spray to cool unopened containers. Cool containers exposed to flames with water until well after the fire is out.
Specific methods In the event of fire, cool tanks with water spray. Use water spray to cool unopened containers.
Suitable extinguishing media Foam. Dry powder. Carbon dioxide (CO2). Dry chemical, CO2, water spray or regular foam.

6. Accidental Release Measures

Personal precautions Keep unnecessary personnel away.
Environmental precautions Prevent further leakage or spillage if safe to do so.
Methods for containment ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Dike the spilled material, where this is possible. Use water spray to reduce vapors or divert vapor cloud drift.
Methods for cleaning up Large Spills: Dike far ahead of spill for later disposal. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.
Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Following product recovery, flush area with water.
Never return spills in original containers for re-use.

7. Handling and Storage

Handling	DO NOT handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Handle and open container with care.
Storage	Keep away from heat, sparks and open flame. Use care in handling/storage.

8. Exposure Controls / Personal Protection

Personal protective equipment

Respiratory protection	Wear suitable respiratory protective equipment if exposures to high level of mists are likely.
Skin protection	Desirably, avoid contact with skin.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice.
Eye protection	Use safety glasses or goggles.

9. Physical & Chemical Properties

Solubility (water)	Insoluble
Vapor pressure	0.38 hPa estimated
Decomposition temperature	Not available.
pH	Not available.
Boiling point	NA
Evaporation rate	Not available.
Percent volatile	19.1 %
Density	0.8 lb/cu ft estimated
Specific gravity	1.05
VOC (Weight %)	18.98 % (151.8400 g/l, 1.66 lbs/gal)

10. Chemical Stability & Reactivity Information

Chemical stability	Unstable.
Conditions to avoid	Heat, flames and sparks.
Hazardous decomposition products	Burning in insufficient air supply may produce carbon monoxide fumes.

11. Toxicological Information

Carcinogenicity	Risk of cancer cannot be excluded with prolonged exposure.
Further information	This product has no known adverse effect on human health.

12. Ecological Information

Environmental effects	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Persistence and degradability	Not available.

13. Disposal Considerations

Disposal instructions	Dispose in accordance with all applicable regulations.
------------------------------	--

14. Transport Information

Not available.

15. Regulatory Information

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Contains a Section 302 extremely hazardous substance	No
Contains a Section 311 hazardous chemical	Yes

Hazard categories	Immediate Hazard - No Delayed Hazard - Yes Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No
State regulations	This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.
US federal regulations	This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List. CERCLA/SARA Hazardous Substances - Not applicable.

16. Other Information

HMIS® ratings	Health: 1* Flammability: 1 Physical hazard: 1
NFPA ratings	Health: 1 Flammability: 1 Instability: 1
Issue date	14-Sep-2011
This data sheet contains changes from the previous version in section(s):	First Aid Measures: Ingestion

Disclaimer

TOYO INK AMERICA,LLC has prepared this material safety data sheet (MSDS) in compliance with 29CFR 1910.1200. The MSDS is offered in good faith based on data available to us that we believe to be true and accurate, and is intended to describe the product solely with respect to health, safety, and the environment. No responsibility is accepted that the information is sufficient or correct in all cases. As such, it must not be interpreted as a guarantee of any specific property of the product, and no warranty is made regarding the accuracy of this data. It also can not be assumed that all possible safety measures are contained in this Data Sheet or that other measures may not be required under varying circumstances. The customer shall be solely responsible for deciding whether said information is suitable and beneficial. We assume no responsibility for damage or injury from the use of the product described herein.