

The Chemical.net Family of Companies

QUAKER CITY CHEMICALS, INC.

7360 Milnor Street  
Philadelphia, PA 19136  
(215) 333-2000 • Fax (215) 333-4408  
www.chemical.net

## SAFETY DATA SHEET

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** ABCOL® Uranine 10% Liquid  
**SYNONYMS:** Acid Yellow 73, Sodium Fluorescein, Fluorescein Water Soluble  
The Chemical.net™  
Family of Companies  
Quaker City Chemicals, Inc.  
7360 Milnor Street  
Philadelphia, PA 19136-4211  
(215) 333-2000 Fax (215) 333-4408  
www.chemical.net

**CHEMICAL NAME:** Acid Yellow 73  
**CHEMICAL FAMILY:** Xanthene  
**CHEMICAL FORMULA:** C<sub>20</sub>H<sub>10</sub>Na<sub>2</sub>O<sub>5</sub>

**PRODUCT USE:** Laboratory chemicals, Manufacture of substances  
**PREPARED BY:** Abbey Color Incorporated

### SECTION 2: HAZARDS IDENTIFICATION

**GHS CLASSIFICATION IN ACCORDANCE WITH 29 CFR 1910 (OSHA HCS):**  
Not a hazardous substance or mixture.

**LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS:**  
Not a hazardous substance or mixture.

**HAZARDS NOT OTHERWISE CLASSIFIED (HNOC) OR NOT COVERED BY GHS:**  
None

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**SYNONYMS:** Acid Yellow 73, Uranine  
**MOLECULAR WEIGHT:** 376.27 g/mol  
**CAS NO.:** 518-47-8  
**EC NO.:** 208-253-0

**HAZARDOUS SUBSTANCE:**  
No ingredients are hazardous according to OSHA criteria.  
No components need to be disclosed according to the applicable regulations.



ChemStewards®  
CERTIFIED FACILITY

### SECTION 4: FIRST AID MEASURES

**DESCRIPTION OF FIRST AID MEASURES:**

- GENERAL ADVICE:** Consult a physician. Show this safety data sheet to the doctor in attendance.
- IN CASE OF EYE CONTACT:**  
Rinse thoroughly with plenty of water for at least 15 minutes. Seek a physician if necessary.
- IN CASE OF SKIN CONTACT:**  
Wash with soap and plenty of water. Seek a physician if necessary.
- IF INGESTED:** Never give anything by mouth to an unconscious person. Rinse mouth with water. Seek a physician if necessary.
- IF INHALED:** Move person into fresh air. If not breathing, give artificial respiration. Seek a physician if necessary.
- MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:**  
The most important known symptoms and effects are described in the labeling (see section 2 and section 11).
- INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT:**  
No data available

**SECTION 5: FIRE-FIGHTING MEASURES**

- SUITABLE EXTINGUISHING MEDIA:**  
Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.
- SPECIFIC HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:**  
Carbon oxides, Sodium oxides
- ADVICE FOR FIREFIGHTERS:**  
Wear self-contained breathing apparatus for fire-fighting if necessary.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

- PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES:**  
Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist, or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.
- ENVIRONMENTAL PRECAUTIONS:**  
Do not let product enter drains.
- METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:**  
Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

**SECTION 7: HANDLING AND STORAGE**

- PRECAUTIONS FOR SAFE HANDLING:**  
Avoid contact with eyes and skin. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation in places where dust is formed.
- CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:**  
- Keep container tightly closed and in a dry, well-ventilated place.

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

Stewards™  
CERTIFIED FACILITY

**CONTROL PARAMETERS:**


Components with Workplace Control Parameters:	Contains no substance with occupational exposure limit values.
<b>EXPOSURE CONTROLS:</b>	
Engineering Controls:	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the work shift.
Personal Protective Equipment:	
Eye/Face Protection:	Safety glasses with side-shields.
Skin Protection:	Handle with gloves. Gloves should be inspected before use. Remove gloves without touching skin. Dispose of contaminated gloves according to applicable laws. Wash and dry hands.
Respiratory Protection:	For nuisance exposure, use N95 or type 1 particle respirator.
Control of Environmental Exposure:	Do not let product enter drains.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE (COLOR):	Dark Red/Brown to Green
ODOR:	No data available
PHYSICAL STATE:	Liquid
pH AS SUPPLIED:	No data available
MELTING POINT/FREEZING POINT:	No data available
BOILING POINT:	No data available
FLASH POINT:	No data available
DENSITY:	No data available
EVAPORATION RATE:	No data available
UPPER FLAMMABILITY LIMIT:	No data available
LOWER FLAMMABILITY LIMIT:	No data available
VAPOR PRESSURE:	No data available
VAPOR DENSITY:	No data available
SPECIFIC GRAVITY:	No data available
WATER SOLUBILITY:	No data available
SOLUBILITY IN OTHER SOLVENTS:	No data available
PARTITION COEFFICIENT; n-octanol/water:	No data available
AUTOIGNITION TEMPERATURE:	No data available
DECOMPOSITION TEMPERATURE:	No data available
VISCOSITY:	No data available
EXPLOSIVE PROPERTIES:	No data available
OXIDIZING PROPERTIES:	No data available

**SECTION 10: STABILITY AND REACTIVITY**

REACTIVITY:	No data available
CHEMICAL STABILITY:	Stable under recommended storage conditions.
POSSIBILITY OF HAZARDOUS REACTIONS:	No data available
CONDITIONS TO AVOID:	No data available
INCOMPATIBLE MATERIALS:	Strong oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCTS:	No data available

**SECTION 11: TOXICOLOGICAL INFORMATION**


**ChemStewards®**  
CERTIFIED FACILITY

**TOXICOLOGICAL INFORMATION:**

Acute Toxicity:	No data available
Skin Corrosion/Irritation:	No data available
Eye Damage/Irritation:	No data available
Respiratory or Skin Sensitization:	No data available
Germ Cell Mutagenicity:	No data available

**Carcinogenicity:**

IARC:	No component of this product presents at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC. No component of this product presents at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. No component of this product presents at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by NTP. No component of this product presents at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
ACGIH:	
NTP:	
OSHA:	

Reproductive Toxicity:	No data available
------------------------	-------------------

**SECTION 11 NOTES:**

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**SECTION 12: ECOLOGICAL INFORMATION****ECOLOGICAL INFORMATION:**

Toxicity to Fish:	No data available
Persistence and Degradability:	No data available
Bioaccumulative Potential:	No data available
Mobility in Soil:	No data available
PBT and vPvB Assessment:	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

**SECTION 13: DISPOSAL CONSIDERATIONS****WASTE DISPOSAL METHOD:**

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.


**RCRA HAZARD CLASS:**

Not hazardous waste.

**SECTION 14: TRANSPORT INFORMATION**

DOT:	Not Dangerous Goods
IMDG:	Not Dangerous Goods
IATA:	Not Dangerous Goods

**SECTION 15: REGULATORY INFORMATION****U.S. FEDERAL REGULATIONS**

 **ChemStewards**  
CERTIFIED FACILITY

**SARA 302 COMPONENTS:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**311/312 HAZARD CATEGORIES:** No SARA Hazards

**313 REPORTABLE INGREDIENTS:** This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**STATE REGULATIONS:****MASSACHUSETTS RIGHT TO KNOW COMPONENTS:**

No components are subject to the Massachusetts Right To Know Act

**PENNSYLVANIA RIGHT TO KNOW COMPONENTS:**

Acid Yellow 73 CAS: 518-47-8

**NEW JERSEY RIGHT TO KNOW COMPONENTS:**

Acid Yellow 73 CAS: 518-47-8

**CALIFORNIA PROP. 65 COMPONENTS:**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

---

**SECTION 16: OTHER INFORMATION**

---

**HMS HAZARD CLASSIFICATION**

HEALTH: 0

CHRONIC HEALTH: 0

FLAMMABILITY: 0

PHYSICAL HAZARD: 0

**NFPA HAZARD CLASSIFICATION**

HEALTH: 0

FLAMMABILITY: 0

REACTIVITY: 0

**PREPARATION INFORMATION:** Created 06-29-2021

**DISCLAIMER:** TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE. HOWEVER, ABBEY COLOR DOES NOT ASSUME ANY LIABILITY WHATSOEVER FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION CONTAINED HEREIN. FINAL DETERMINATION OF SUITABILITY OF ANY MATERIAL IS THE SOLE RESPONSIBILITY OF THE USER. ALL MATERIALS THAT MAY PRESENT UNKNOWN HEALTH HAZARDS ARE DESCRIBED HEREIN. WE CANNOT GUARANTEE THAT THESE ARE THE ONLY HAZARDS THAT EXIST.

