



Date: Oct 27, 2021

1. IDENTIFICATION OF PRODUCT AND SUPPLIER

Product name: Staining solution for Hematology Analyzer Model: URIT R11

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2. CHEMICAL CHARACTERISATION / INFORMATION ON INGREDIENTS

Sodium Chloride-----0.8% CAS NO.7647-14-5
Potassiumoxalate-----2% CAS NO.6487-48-5
Buffer solution-----0.5% CAS NO.610769-35-2
Preservative-----0.2% CAS NO.96118-96-6
Surfactant-----0.01% CAS NO.68213-23-0
New methylene blue-----0.1% CAS NO.: 6586-05-6
Water-----96.39% CAS NO.7732-18-5
Dangerous components: Void

3. HAZARDS IDENTIFICATION

Hazard designation: void
Information pertaining to particular dangers for man and environment: void

Classification system:
The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

4. SPECIAL SAFETY MEASURES

General information: No special measures required.

After inhalation: Supply fresh air; consult doctor in case of symptoms.

After skin contact: Flush with amounts of water for 15 minutes or longer, obtain medical attention if irritation occurs.

After eye contact: Rinse opened eye for several minutes under running water for 15 minutes or longer, obtain medical attention if irritation occurs.

After swallowing: Rinse out mouth. In case of persistent symptoms seek medical attention.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing agents: Use extinguishing media suitable for surrounding fire
Protective equipment: No special measures required.

6. ACCIDENTAL RELEASE MEASURES

Person-related safety precautions: Use good laboratory procedures; avoid eye and skin contact.
Measures for environmental protection: Contain spill to migration.
Measures for cleaning/collecting: Dilute with much water.
Additional information: No dangerous materials are released.

7. HANDLING AND STORAGE

Handling
Information for safe handling: No special measures required.
Information about protection against explosions and fires: The product is not flammable.
Storage
Requirements to be met by storerooms and containers: No special requirements.



Date: Oct 27, 2021

Information about storage in one common storage facility: Not required.
Further information about storage conditions: Protect from incompatible material.
Class according to regulation on inflammable liquids: Void.

8. EXPOSURE CONTROLS / PERSONNEL PROTECTION

Additional information about design of technical systems: No further data; see item 7.
Components with critical values that require monitoring at the workplace:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
Additional information: The lists that were valid during the compilation were used as basis.

Personal protective equipment

General protective and hygienic measures: The usual precautionary measures should be adhered to general rules for handling chemicals.

Breathing equipment: Use breathing protection only when aerosol or mist is formed.
Protection of hands: Protective gloves.
Eye protection: Safety glasses recommended during refilling.

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Form: Fluid
Colour: Dark blue
Smell: Weak odor

Change in condition

Melting point/Melting range: 0 °C
Boiling point/Boiling range: 100 °C
Flash point: Not applicable
Danger of explosion: Product is not explosive.
Steam pressure at 20°C: Not applicable
Density at 20°C: 1.006
Solubility in / Miscibility with
Water: Fully miscible
pH-value : 7.20 ± 0.20 at (25 ± 1) °C.

10. STABILITY AND REACTIVITY

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
Dangerous reactions: No dangerous reactions known.
Dangerous products of composition: No dangerous decomposition products known.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:
Primary irritant effect:
on the skin: redness
on the eye: redness
Sensitization: No sensitizing effect known.

Additional toxicological information:

Irritant

The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version.

12. ECOLOGICAL INFORMATION

General notes: Generally not hazardous for water.



Date: Oct 27, 2021

13. DISPOSAL CONSIDERATIONS**Product:****Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings:**Recommendation:** Disposal must be made according to official and local regulations.**Recommended cleaning agent:** Water, if necessary with cleaning agent.**14. TRANSPORT INFORMATION**

This product is not hazardous when transported by sea, land or air. This substance is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations. Under the IATA Dangerous Goods Regulation Edition 62nd.

15. REGULATORY INFORMATION**Risk Phrase:** R36/37: irritating to eyes and respiratory system.**Safety Phrase:** S1/2: Keep locked up and out of the reach of children.

S23: Do not breathe vapour.

S24: Avoid contact with skin

National regulations**Water hazard class:** Generally not hazardous for water.**16. OTHER INFORMATION**

For further information, please contact URIT Medical Electronic Co., Ltd

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Liao Weichun.