ARENA BioScien

Safety Data Sheet

SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

1.2 Product Name: **Rapid Stain**

1.3 A hematological, differential, non-vital staining technique.

1.4 Details of the supplier of the safety data sheet

- Name of Manufacturer: Arena BioScien, SEA
- Address of Manufacturer: Block 5, Street 9 Ismailia free zone. Ismailia- Egypt
- Telephone: +202 21813500/ +201113102057
- Email: admin@arenabioscientific.com

SECTION 2 Hazards identification

2.1Risk Phrases:

- Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin, or swallowed.
- Toxic by inhalation, if contact with skin and if swallowed. Causes burns
- Possible risks of irreversible effects

2.2 Safety Phrases:

-Keep locked up and out of the reach of children.

- Avoid contact with skin and eyes

SECTION 3 Composition/information on ingredients

Item	Formula per liter of medium
Solution 1	Methanol (Fixative Solution)
Solution 2	Eosin Yellow (Acidic Dye)
Solution 3	Methylene Blue (Basic Dye)

SECTION 4 First aid measures

Inhalation

IF INHALED, supply fresh air. Seek medical attention if breathing becomes difficult or if respiratory irritation develops.

Skin Contact

IF ON SKIN, immediately wash with soap and water and rinse thoroughly.

Eye Contact

IF IN EYES, rinse the open eye with water for 15 minutes. Seek medical attention.

Ingestion IF SWALLOWED, immediately seek medical attention. DO NOT induce vomiting. Never give anything by mouth to an unconscious person.

SECTION 5 Fire-fighting measures

Unusual Fire and Explosion Hazards: Prevent contact with eyes and skin

Flammability Summary : Product is not known to be flammable, combustible, pyrophoric or explosive.

Suitable Extinguishing Agents: CO_2, ABC Multipurpose Dry Chemical or Water Spray Fight larger fires with water spray or alcohol resistant foam.

Unsuitable Extinguishing Agents: Not Applicable

Protective Equipment: Wear self contained breathing apparatus and protective clothing.

SECTION 6 Accidental release measures

6.1 Person Related Safety Precautions

Avoid breathing vapors, mists, or gas. Prevent contact with skin and eyes. Ensure adequate ventilation. Evacuate personnel to safe areas.

6.2 Personal Protection for Emergency Situations

Use the personal protection equipment recommended in Section 8.

6.3 Measures for Environmental Protection

Wipe up with a damp sponge or mop. Do not let product enter drains.

6.4 Measures for Cleaning/Collecting

Use personal protection equipment recommended in Section 8 Refer to Section 13 for specific disposal information.

SECTION 7 Handling and storage

Handling

- Information for safe handling: Keep in a dry place. Avoid contact with skin and eyes. Avoid breathing vapors and mists.
- Information about protection against explosion and fires: No special measures required.

Storage

-Requirements to be met by storerooms and receptacles:
Keep container closed tightly in a dry place with adequate ventilation.

- Information about storage in one common storage facility:
Store away from oxidizing agents Further

- information about storage conditions:
Keep containers upright.

SECTION 8 Exposure controls/personal protection

8.1 Control parameters

- Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects

8.2 Exposure controls

- Respiratory protection necessary at: Dust formation. Particulate filter device (EN 143). P1 (filters at least 80 % of airborne particles, colour code: White).
- Wear protective gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and [illegible] EN 37[illegible]
- Wear safety glasses [illegible] for ANSI Z87 or EN 166.
- Wear suitable protective clothing [illegible] good chemical hygiene practices.
-



Gloves Safety Glasses Lab Coat

SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form Liquid
Color Orange/Yellow
Odor Characteristic phenol odor
Melting Point Undetermined
Boiling Point 100ºC
Flash Point Not Applicable
Flammability Product is not flammable
Danger of Explosion Product does not present an explosion hazard
Density Undetermined
Solubility In Water Soluble
pH Not Applicable
Solvent Contents < 10%
Vapor density 1.0 (air = 1.0)
Vapor pressure Not Determined (mmHg)

SECTION 10 Stability and reactivity

10.1 Reactivity
- Stable under recommended transport or storage condition.

10.2 Chemical stability
- Stable under normal conditions.

10.3 Conditions to avoid
- Avoid exposure to heat and moisture to maintain product stability.

10.4 Incompatible materials
- No additional information available

10.5 Hazardous decomposition products:
- No decomposition if used according to the specification

.SECTION 11 Toxicological information

11.1 Information on toxicological effects
- Acute toxicity: Low order of acute toxicity.

Oral LD50 (rat) > 2000 mg/kg.
Dermal LD50 (rabbit) > 2000 mg/kg.
Inhalation LC50 (rat) > 20 mg/litre/4h.

- Contact with skin: No data available
- Contact with eyes: No data available
- Ingestion: No data available
- Inhalation: No data available
- Carcinogenicity: No evidence of carcinogenic effects.
- Mutagenicity: No evidence of mutagenic effects.
- Teratogenicity: No information available

SECTION 12 Ecological information

The ecological effects have not been thoroughly investigated, but currently none have been identified.
Water Hazard Class 1 (Self-Assessment): slightly hazardous for water

SECTION 13 Disposal considerations

Disposal of Product

This product is not considered a RCRA hazardous waste Dispose of materials in accordance with federal, state and local requirements.

Disposal of Uncleaned Packaging

Dispose of materials in accordance with federal, state and local requirements.

SECTION 14 Transport information

14.1 UN Number
- Not classified as hazardous for transport

14.2 UN Proper Shipping Name
- Not applicable

14.3 Transport hazard class(es)
- Not applicable

14.4 Packing group
- Not applicable

14.5 Environmental hazards
- Not Classified

14.6 Special precautions for user
- Not Classified

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code
- Not Classified

14.8 Domestic Surface Transport (US DOT)
- Proper Shipping Name: Not applicable
- DOT UN No.: Not applicable
- DOT Hazard Class: Not applicable
- DOT Packing Group: Not applicable

14.9 International Road/Rail (ADR/RID)
- Proper Shipping Name: Not applicable
- ADR UN No.: Not applicable
- ADR Hazard Class: Not applicable
- ADR Packing Group: Not applicable
- Tunnel Code: Not applicable

14.10 Ocean/Sea (IMO/IMDG)
- Proper Shipping Name: Not applicable
- IMDG UN No.: Not applicable
- IMDG Hazard Class: Not applicable
- IMDG Packing Group: Not applicable

14.11 Air (ICAO/IATA)
- Proper Shipping Name: Not applicable
- ICAO Un No.: Not applicable
- ICAO Hazard Class: Not applicable
- ICAO Packing Group: Not applicable

SECTION 15 Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

(This Safety Data Sheet is provided in compliance with the EC Directive 1907/2006 - 453/2010, WHMIS 2015 requirements as specified in the Hazardous Products Act (HPA) and the HazardousProducts Regulations (HPR), and with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

- Regulation (EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP Regulation) applies in Europe.

SECTION 16 Other information

Date of Preparation: January 2024
Revision: Rev. 0
Replaces: New issue

This document is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. Arena BioScien Manufacturers, SEA. shall not be held liable for any damage resulting from handling or from contact with the above product. These suggestions should not be confused with state, municipal or insurance requirements, and constitute NO WARRANT.

ARENA BioScien

Safety Data Sheet