



HEMATOLOGY RAPID STAIN SOLUTION - MSDS



TABLE OF CONTENTS

01. Identification of the preparation	PAGE 1
02. Composition/ information on ingredients	
03. Hazards Identification	
04. First aid measures	
05. Fire-fighting measures	
06. Accidental release measures	PAGE 2
07. Handling and storage	
08. Exposure controls/ personal protection	
09. Physical and chemical properties	PAGE 3
10. Stability and reactivity	
11. Toxicological information	PAGE 4
12. Ecological information	
13. Disposal method	PAGE 5
14. Transport information	
15. Regulatory information	PAGE 6
16. Other information	

MATERIAL SAFETY DATA SHEET (MSDS).

01

1. IDENTIFICATION OF THE PREPARATION

Catalogue No. : B 21929

Product Name : HEMATOLOGY RAPID STAIN SOLUTION

2. COMPOSITION/INFORMATION ON INGREDIENTS

Alcoholic solution of inorganic and organic compounds

3. HAZARDS IDENTIFICATION : Highly inflammable, Toxic by inhalation and if swallowed.

4. FIRST AID MEASURES

After inhalation : Fresh air. Apply mouth-to-mouth resuscitation or mechanical ventilation respiration or mechanical ventilation if necessary.

After skin contact : Wash off with plenty of water

Remove contaminated clothing.

After eye contact : Rinse out with plenty of water for at least 10 minutes with the eyelid held wide open. Summon eye specialist.

After swallowing : make victim drink ethanol(e.g. 1 drinking glass of a 40%water, induce vomiting, summon doctor. alcoholic beverage). Summon doctor mentioning methanol ingestion.

If breathing stops : mouth-to-mouth respiration or mechanical ventilation

5. FIRE-FIGHTING MEASURES :

Suitable extinguishing media : Powder, foam, spray water.,

Fire extinguisher : Powder, carbon dioxide.

Special risks : combustible. Forms explosive mixtures with air at ambient temperatures vapours heavier than air.

The following may develop in event of fire : nitrogen oxides, ammonia hydrogen cyanide, hydrochloric acid, formaldehyde vapours, toxic vapours.

Special protective equipment for fire fighting : Do not stay in dangerous zone without self-contained chemical protection clothing and self-contained breathing apparatus.

Other information : Prevent fire-fighting water from entering surface water or groundwater

6. ACCIDENTAL RELEASE MEASURES:

Person-related precautionary measures : Do not inhale vapour/aerosols.

Procedures for cleaning/absorption : Take up dry. Environmental- protection measures ; Do not allow to enter sewerage system : risk of explosion.

Procedure for cleaning/absorption : Take up with liquid-absorbent material (e.g.Chemizorb). Forward for disposal. Clean up effected area.

7. HANDLING AND STORAGE : Handling - No further requirements.

Storage - Tightly closed. In a well-ventilated place.

Keep away from sources of ignition and heat.

At+15 oC to +25 oC. Accessible only for authorized persons

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION:

Respiratory protection : Required when vapours/aerosols are generated

Eye Protection : Required

Hand Protection : Required

Industrial hygiene : Immediately change contaminated clothing. Apply skin-protective barrier cream. Wash hands and face after working with substance.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Form : Liquid

Colour : Blue

Odour : Of methanol

pH value (20oC) : -

Melting temperature : Not available

Boiling temperature : -

Ignition temperature : -

Flash point : Near 18 o C

Explosion limits Lower : 5.5 vol% (methanol)

Upper : 44 vol% (methanol)

Relative vapour density : Not available

Density (20 o C) : 0.99 g/cm³

Solubility in water (20 o C) : Soluble (slow decomposition)

10. STABILITY AND REACTIVITY:

Conditions to be avoided : Strong heating

Substances to be avoided : Alkali metals, alkali oxides, acid halides strong oxidizing agent, strong acids

Hazardous decomposition products : No information available

Further information : Combustible. Explosible with air in a vaporous/gaseous state

11. TOXICOLOGICAL INFORMATION:

Acute toxicity : LD50 (oral, rat) : 5628 mg/kg(toxicologically determinant component)

Further toxicological information : Property that must be anticipated in the basis from the components of the preparation.

After inhalation of vapours : Irritation symptoms in the respiratory tract. Risk of absorption.

After skin contact : Irritant effect. Danger of skin absorption.

After eye contact : Irritant effect.

After swallowing : Toxic.

Systemic effects :

After absorption : nausea and vomiting, headache, dizzines, inebriation, impaired vision, blindness(Irreversible damage of the optical nerve.), acidosis, drop in blood pressure, agitation, spasms, narcosis, coma.

Symptoms may occur after a latency period has elapsed.

Counter measurements must be implemented at once.

Further data : Further hazardous properties cannot be excluded.

The product should be handled with the care usual when dealing with chemicals.

12. ECOLOGICAL INFORMATION:

Ecotoxic effects: Quantitative data on the ecological effect of this product are not available. Property to be expected on the basis of the components of the preparation :Toxic for aquatic organisms. Endangers drinking-water supplies if allowed to enter soil and/or waters in large quantities

Further ecologic data : Do not allow to enter waters, waste water, or soil.

13. DISPOSAL METHOD:

Disposal in compliance with official regulations. Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, non-contaminated packaging may be treated like house-hold waste or recycled. There are no uniform EC Regulation for the disposal of chemical or residues. Chemical residues generally count as special waste. Approved waste disposal companies which will advise you on how to do disposal of waste

14. TRANSPORT INFORMATION:

Transport over land

ADR/RID and GGVS/GGVE : GGVS/GGVE class :

3 Number and letter : 19b

ADR/RID class : 3 Number and letter : 19b

Name of material : HEMATOLOGY RAPID STAIN SOLUTION

River transport ADN/ADNR : Not Examined

Sea Transport IMDG : IMDG class : 3.2 UN No. : 1992 Packing group : II

Ems : 3-07 MFAG : 4.2

Correct Technical Name : HEMATOLOGY RAPID STAIN SOLUTION

Air Transport ICAO-TI

and IATA-DGR : ICAO/IATA class : 3/6.1 UN/ID No. : 1992

Packaging group : II

Correct Technical Name : HEMATOLOGY RAPID STAIN SOLUTION

15. REGULATORY INFORMATION:

Labeling according to EC Directives

Symbol : F Highly flammable

T Toxic

R-phrases : 11-23/25 Highly flammable. Toxic by inhalation and if swallowed.

S-phrases : 7-16-24-37-45 Keep container tightly closed. Keep away from sources of ignition-No smoking. Avoid contact with skin. Wear suitable gloves. In case of accident or if you feel unwell, seek medical advice immediately(show the label where possible).

Contains : Methanol

Water pollution class : 2 (polluting substance) (own classification)

16. OTHER INFORMATION:

Reason for alteration : Change in labeling. The information contained herein is based on the present state of our knowledge.

It characterises the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

End of document