

SAFETY DATA SHEET



Product name: HistoCore SPIRIT HemaLast
Revision date: 03/10/2021

Compiled according to GB/T 16483, GB/T 17519

SECTION 1 Chemical product and company identification

Chemical name (Chinese Name) : HistoCore SPIRIT HemaLast
Chemical name (English name) : HistoCore SPIRIT HemaLast
Name of company : Leica Biosystems Richmond, Inc
Address : USA, Richmond, IL, 5205 Route 12
Zip code : 60071
Tel. : 844-534-2262
E-mail : LBSNA-LBS-QA@leicabiosystems.com
Website : leicabiosystems.com
Recommended uses and restrictions : H&E Staining System optimized for use on Leica HistoCore SPIRIT ST STAINER.
Other uses

SECTION 2 Hazards identification

GHS classification

Physical hazards : Flammable liquids Not classified
Other hazards than mentioned above are Not applicable or No data available.

Label elements

No data available

Additional information

Physical and chemical hazards : No additional information available
Health hazard : No additional information available
Environmental hazards : No additional information available
Other hazards : No additional information available

SECTION 3 Composition/information on ingredients

Product form : Mixture.

This mixture does not contain any substance to be mentioned according to the criteria of section 3 of GB/T 17519-2013

SECTION 4 First aid measures

Emergency

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing
First-aid measures after skin : Wash skin with plenty of water

contact

First-aid measures after eye contact : Rinse eyes with water as a precaution

First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell

Most Important Symptoms/Effects

No additional information available

Personal Protection in First Aid and Measures

No additional information available

Notes for the doctor

Other medical advice or treatment : Treat symptomatically

SECTION 5 Fire fighting measures

Extinguishing media

Suitable extinguishing media : Water spray
Dry powder
Foam
Carbon dioxide

Unsuitable extinguishing media : No additional information available

Special hazard

Hazardous decomposition products in case of fire : Toxic fumes may be released

Advice for firefighters and protective measures

Firefighting instructions : No additional information available

Protection during firefighting : Do not attempt to take action without suitable protective equipment
Self-contained breathing apparatus
Complete protective clothing

SECTION 6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

General measures : No additional information available

Personal Precautions, Protective Equipment and Emergency Procedures : No additional information available

For non-emergency personnel

Emergency procedures : Ventilate spillage area

For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment
For further information refer to section 8: "Exposure controls/personal protection"

Environmental precautions : Avoid release to the environment

Methods and Equipment for Containment and Cleaning up

Methods for cleaning : No additional information available

: No additional information available

For containment : No additional information available

Prevention Measures for Secondary Accidents

Prevention Measures for Secondary Accidents : No additional information available

Other information

: Dispose of materials or solid residues at an authorized site

SECTION 7 Handling and storage

Handling

Precautions for safe handling : Ensure good ventilation of the work station
Wear personal protective equipment

Hygiene measures : Do not eat, drink or smoke when using this product
Always wash hands after handling the product

Local and general ventilation : No additional information available

Storage

Storage conditions : Store in a well-ventilated place
Keep cool

Material used in packaging/containers : No additional information available

SECTION 8 Exposure controls / Personal protection equipment

Occupational Exposure Limits

No additional information available

Biological limit values

No additional information available

Monitoring methods

No additional information available

Appropriate engineering controls : Ensure good ventilation of the work station

Personal protective equipment

Environmental exposure controls : Avoid release to the environment

Hand protection : Protective gloves

Eye protection : Safety glasses

Skin and body protection : Wear suitable protective clothing

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment

SECTION 9 Physical and chemical properties

Physical state	: Liquid
Appearance	: No data available
Color	: Purple-red
Odor	: odorless
pH	: 2.2 - 3
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: $> \geq 212$ °F
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Specific gravity / density	: 1.06
Solubility	: No data available
Log Pow	: No data available
LEL	: No data available
UEL	: No data available
Radioactive	: No

SECTION 10 Stability and reactivity

Reactivity	: The product is non-reactive under normal conditions of use, storage and transport
Chemical stability	: Stable under normal conditions
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use
Conditions to avoid	: None under recommended storage and handling conditions (see section 7)
Incompatible materials	: No additional information available
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced
Other properties	: No additional information available

SECTION 11 Toxicological information

Acute toxicity	
Acute toxicity (oral)	: No data available
Acute toxicity (dermal)	: No data available
Acute toxicity (inhalation)	: No data available
Skin corrosion/irritation	

Skin corrosion/irritation : No data available
pH : 2.2 - 3

Serious eye damage/irritation

Serious eye damage/irritation : No data available

Respiratory or skin sensitization

Respiratory or skin sensitization : No data available

Germ cell mutagenicity

Germ cell mutagenicity : No data available

Carcinogenicity

Carcinogenicity : No data available

Reproductive toxicity

Reproductive toxicity : No data available

Specific target organ toxicity – single exposure

Specific target organ toxicity – single exposure : No data available

Specific target organ toxicity – repeated exposure

Specific target organ toxicity – repeated exposure : No data available

Aspiration hazard

Aspiration hazard : No data available

HistoCore SPIRIT HemaLast	
Specific gravity / density	1.06

SECTION 12 Ecological information

Ecotoxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Aquatic acute : No data available

Aquatic chronic : No data available

No additional information available

Persistence and degradability

No additional information available

Bioaccumulative potential

No additional information available

Mobility in soil

No additional information available

Other adverse effects

Classification procedure (Ozone) : No data available

SECTION 13 Disposal considerations

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Contaminated container and packaging : No additional information available

Additional information : No additional information available

SECTION 14 Transport information

UN number

UN-No. (UN RTDG) : Not applicable
UN-No. (IMDG) : Not applicable
UN-No. (IATA) : Not applicable
UN-No. (ADN) : Not applicable
UN-No. (RID) : Not applicable

Proper Shipping Name

Proper Shipping Name (UN RTDG) : Not applicable
Proper Shipping Name (IMDG) : Not applicable
Proper Shipping Name (IATA) : Not applicable
Proper Shipping Name (ADN) : Not applicable
Proper Shipping Name (RID) : Not applicable

Transport hazard class(es)

Overland transport
Transport hazard class(es) (UN RTDG) : Not applicable
Transport by sea
Transport hazard class(es) (IMDG) : Not applicable
Air transport
Transport hazard class(es) (IATA) : Not applicable
Inland waterway transport
Transport hazard class(es) (ADN) : Not applicable
Rail transport
Transport hazard class(es) (RID) : Not applicable

Packing group

Packing group (UN RTDG) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable
Packing group (ADN) : Not applicable
Packing group (RID) : Not applicable

Marine pollutant (IMDG)

Dangerous for the environment : No
Marine pollutant : No
Other information : No supplementary information available.

Special transport precautions

Overland transport

No data available
Transport by sea
No data available
Air transport
No data available
Inland waterway transport
No data available
Rail transport
No data available

SECTION 15 Regulatory information

SECTION 16 Other information

SDS CN (GB/T 17519-2013)

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