


STAINS

Microxpress®

Material Safety Data Sheet

(According to 2001/58/EC)

Doc. No. MSDS/ST-028

Section 1 – Product and Company Information

Product Name: H & E Stain Kit
Catalog No.: 207080190125

Manufacturer: Microxpress®
 A Division of Tulip Diagnostics (P) Ltd.

Manufacturing Unit Address: Plot No. S-124, S-125, S-126, Utility Plot No. VIII,
 Phase III-B, Verna Industrial Estate, Verna,
 Goa-403 722, INDIA.

Registered Office Address: Gitanjali, Tulip Block, Dr. Antonio Do Rego Bagh,
 Alto Santacruz, Bambolim Complex P.O.,
 Goa-403202. INDIA.
 E-mail : sales@tulipgroup.com

Date Prepared / Revised on: 15/11/2019

Section 2 – Composition, Information on Ingredients

Components:

Hematoxylin Harris

Components	g/L
Hematoxylin	5.0
Ammonium or potassium alum	100
Mercuric oxide	2.5
Alcohol 95%	50 mL
Distilled water	1000 mL

Eosin (Aqu.) 2%

Components	g/L
Eosin-Y	2.0
Distilled water	100 mL

Section 3 – Hazards Identification

Hazard Overview: Not classified as hazardous

Section 4 – First Aid Measures

Inhalation: Seek medical treatment in case of problems.

Ingestion: If symptoms persist, consult a physician.

Skin Contact: Wash thoroughly with soap and water.

Eye Contact: Rinse opened eye for several minutes under running water. If symptoms persists consult a physician.

Section 5 – Fire Fighting Measures	
Suitable Extinguishing Agents: CO ₂ , ABC multipurpose dry chemical or water spray. Fight large fires with water spray or alcohol resistant foam. Protective Equipment: No special measures required.	
Section 6 – Accidental Release Measures	
Personal Precautions: No special measures required. Spill: Sweep up into suitable containers for disposal. Use water to clean up finally.	
Section 7 – Handling and Storage	
Handling: Avoid inhaling dust. Avoid contact with eyes, skin and clothing. Storage: Keep container tightly closed. Store at 15°C-25°C.	
Section 8 – Exposure Control / Personal Protection	
Wear appropriate NIOSH / MSHA –approved respirator, chemical-resistant gloves, safety goggles, other protective clothing. Mechanical exhaust required.	
Section 9 – Physical and Chemical Properties	
Appearance (Hematoxylin Harris): Maroon purplish solution. Appearance (Eosin (Aqu.) 2%): Dark reddish solution.	
Section 10 – Stability and Reactivity	
Stability: Product is stable if stored as per the conditions specified under storage of Section 7. Product loses its potency/performance above 25°C. Conditions to Avoid: Heat and Light. Decomposition Products: No dangerous decomposition products known.	
Section 11 – Toxicological Information	
Effects of Skin Contact:	No irritating effects.
Effects of Eye Contact:	No irritating effects.
Effects of Ingestion:	No irritating effects.
Effects of Inhalation:	May be irritating if inhaled.
Sensitization:	No sensitization effects known.
Target Organs:	None.
Additional Toxicological Information: None.	
Section 12 – Ecological Information	
Ecotoxicity: Not Determined.	
Section 13 – Disposal Considerations	
On completion of work all used or unusable preparations of this product and derivatives thereof are to be disposed off by autoclaving and/or by incineration. Dispose off waste in accordance with all applicable Federal, State and local laws.	
Section 14 – Transport Information	
UN No.: Not applicable.	

Section 15 – Regulations

Warning Label Text Indication Of Hazard with Symbol: None.**Risk Phrases:** None.**Safety Phrases:** None.

Section 16 – Other Information

This product is for use by professionals.

To the best of our knowledge the above mentioned information is accurate.

However, Microxpress®, A Division of Tulip Diagnostics (P) Ltd. makes no warranty with respect to its completeness nor assumes any liability resulting from its use. All material may present unknown hazards than those described above and should be used with caution. Final determination of suitability of any material is the sole responsibility of the user.

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