


**STAINS**

# Microxpress®

## Material Safety Data Sheet

(According to 2001/58/EC)

Doc. No. MSDS/ST-005

### Section 1 – Product and Company Information

**Product Name:** Gram Stain kit (containing A, B, C, and D)

**Catalog No.:** 207070160125

**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:** 13/11/2019

### Section 2 – Composition, Information on Ingredients

**Components :**

1. Gram Crystal Violet Solution – Reagent A
2. Gram Iodine Solution – Reagent B
3. Gram Decolorizer Solution – Reagent C
4. Gram Safranin 0.5% Solution – Reagent D

**Accessory :**

1. Plug-in dispenser-3 Nos.
2. Dropper-1 No.

### 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	
<b>Suitable Extinguishing Agents:</b> CO <sub>2</sub> , ABC multipurpose dry chemical or water spray. Fight large fires with water spray or alcohol resistant foam. <b>Protective Equipment:</b> No special measures required.	
Section 6 – Accidental Release Measures	
<b>Personal Precautions:</b> No special measures required. <b>Spill:</b> Sweep up into suitable containers for disposal. Use water to clean up finally.	
Section 7 – Handling and Storage	
<b>Handling:</b> Avoid inhaling dust. Avoid contact with eyes, skin and clothing. <b>Storage:</b> 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	
<b>Appearance :</b> Grams Crystal violet - Dark violet coloured solution Grams Iodine - Dark amber coloured solution Grams Decolourizer - Colourless clear solution Grams Safranine - Dark pink coloured solution	
Section 10 – Stability and Reactivity	
<b>Stability:</b> Product is stable if stored as per the conditions specified under storage of Section 7. Product loses its potency/performance above 25°C. <b>Conditions to Avoid:</b> Heat and Light. <b>Decomposition Products:</b> No dangerous decomposition products known.	
Section 11 – Toxicological Information	
<b>Effects of Skin Contact:</b>	No irritating effects.
<b>Effects of Eye Contact:</b>	No irritating effects.
<b>Effects of Ingestion:</b>	No irritating effects.
<b>Effects of Inhalation:</b>	May be irritating if inhaled.
<b>Sensitization:</b>	No sensitization effects known.
<b>Target Organs:</b>	None.
<b>Additional Toxicological Information:</b> None.	
Section 12 – Ecological Information	
<b>Ecotoxicity:</b> 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	
<b>UN No.:</b> Not applicable.	
Section 15 – Regulations	
<b>Warning Label Text Indication Of Hazard with Symbol:</b> None.	
<b>Risk Phrases:</b>	None.
<b>Safety Phrases:</b>	None.
Section 16 – Other Information	
<p>This product is for use by professionals.</p> <p>To the best of our knowledge the above mentioned information is accurate.</p> <p>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.</p>	

**Microxpress®**

A Division of **Tulip Diagnostics (P) Ltd.**

**Manufacturing Unit:** Plot No. S-124, S-125, S-126, Utility Plot No. VIII, Phase III-B,  
Verna Industrial Estate, Verna, Goa- 403722, INDIA.

Tel: + 91 832 6624555

E-mail: [microxpressfac@tulipgroup.com](mailto:microxpressfac@tulipgroup.com);

**Registered Office:** Gitanjali, Tulip Block, Dr. Antonio Do Rego Bagh, Alto Santacruz, Bambolim  
Complex P.O., Goa-403202, INDIA.

Tel: +91 832 2458546/47/48/49/50/51 Fax: +91 832 2458544

E-mail: sales@tulipgroup.com; Website: <http://www.tulipgroup.com>

EC	REP
----	-----

**CMC Medical Devices & Drugs S.L.,C/Horacio Lengo No. 18, CP 29006, Malaga, Spain**