

# Material Safety Data Sheet



**GIEMSA'S STAINING SOLUTION FOR MICROSCOPY**

**VERSION : 02**  
**DATE OF ISSUE : 26-08-2019**  
**SUPERSEDES : 01**

**Product Code : 31806**

**Page 1 of 12**

## **1. Identification of the substance/mixture and of the company/undertaking**

### **1.1. Product identifier**

**Trade name :** GIEMSA'S STAINING SOLUTION FOR MICROSCOPY

**Product code :** 31806

**Identification of the product :** Giemsa's Staining Solution For Microscopy

**CAS No :** 51811-82-6

### **1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Use :** Industrial. For professional use only.

### **1.3. Details of the supplier of the safety data sheet**

**Company identification :** MOLYCHEM

**Office:** 78/80 Babu Genu Road, Souri Bldg., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA) Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442.

**Email :** [info@molychem.net](mailto:info@molychem.net)

**Works:** Plot No. B/9, Badlapur M.I.D.C., OPP.Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503

### **1.4. Emergency telephone number**

**Emergency number :** +91 22 4066 8111 (10:00am - 6:00 pm).

## **2. Hazards identification**

### **2.1. Classification of the substance or mixture**

**Classification according to Regulation (EC) No. 1272/2008**

**[CLP]Mixture/Substance: SDS EU 2015: According to Annex II of Regulation (EC) No. 453/2010 (REACH Annex II)**

Flammable liquids, H225

Category 2

Acute toxicity (oral), H301

Category 3

Acute toxicity (dermal), H311

Category 3

Acute toxicity (inhal.), H331

Category 3

Specific target organ toxicity — single exposure, H370

Category 1

**Adverse physicochemical, human health and environmental effects**

No additional information available

### **2.2. Label elements**

**Labelling according to Regulation (EC) No. 1272/2008 [CLP] Extra labelling to display**  
**Extra classification(s) to display**

**Symbol(s) :** T : Very toxic

**MOLYCHEM Office:** 78/80 Babu Genu Road, Souri Bldg., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA)

**Tel:** +91 22 4066 8111, 2205 7772 . **Fax:** + 91 22 2203 4442. **Email :** [info@molychem.net](mailto:info@molychem.net)

**Works:** Plot No. B/9, Badlapur M.I.D.C., OPP.Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503

# Material Safety Data Sheet



**GIEMSA'S STAINING SOLUTION FOR MICROSCOPY**

**VERSION : 02**  
**DATE OF ISSUE : 26-08-2019**  
**SUPERSEDES : 01**

**Product Code : 31806**

**Page 2 of 12**

Highly flammable



**R Phrase(s) :** R11: Highly flammable.

R 23/25: Toxic by inhalation and if swallowed.

R39/23/24/25: Toxic : danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed

**S Phrase(s) :** S16: Keep away from source of ignition-No smoking.

S7: Keep container tightly closed.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S36/37 : Wear suitable protective clothing and gloves.

## Hazard pictograms



**Signal word :** Danger

**Hazard statements :** H225 - Highly flammable liquid and vapour

H301+H311+H331 - Toxic if swallowed, in contact with skin or if inhaled

H370 - Causes damage to organs

**Precautionary statements :** P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

P233 - Keep container tightly closed

P240 - Ground and bond container and receiving equipment

P241 - Use explosion-proof equipment

P260 - Do not breathe dust/fume/gas/mist/vapours/spray

P264 - Wash ... thoroughly after handling

P270 - Do not eat, drink or smoke when using this product

P271 - Use only outdoors or in a well-ventilated area

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER/doctor/...

P302+P352 - IF ON SKIN: Wash with plenty of water/...

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing

P308+P311 - IF exposed or concerned: Call a POISON CENTER/doctor/...

**MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA)**

**Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : [info@molychem.net](mailto:info@molychem.net)**

**Works: Plot No. B/9, Badlapur M.I.D.C., OPP.Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503**

# Material Safety Data Sheet



## GIEMSA'S STAINING SOLUTION FOR MICROSCOPY

VERSION : 02  
DATE OF ISSUE : 26-08-2019  
SUPERSEDES : 01

Product Code : 31806

Page 3 of 12

P311 - Call a POISON CENTER/doctor/...  
P321 - Specific treatment (see ... on this label)  
P330 - Rinse mouth  
P361+P364 - Take off immediately all contaminated clothing and wash it before reuse  
P370+P378 - In case of fire: Use ... to extinguish  
P403+P233 - Store in a well-ventilated place. Keep container tightly closed  
P403+P235 - Store in a well-ventilated place. Keep cool  
P405 - Store locked up  
P501 - Dispose of contents/container to {0|message=<specify in accordance with local/regional/national/international regulations>|default=hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation|filter=(\_)?DISPOSAL\_.+}

### 2.3. Other hazards

No additional information available

## 3. Composition/information on ingredients

### 3.1. Substance : GIEMSA'S STAINING SOLUTION FOR MICROSCOPY

Substance name	Contents	CAS No
Methanol	50-75%	67-56-1
1,2,3-Propanetriol(glycerin)	50-75%	56-81-5
Giemsa'S Stain	0.01-1%	51811-82-6

Substance.

Contains no other components or impurities which will influence the classification of the product.

## 4. First aid measures

### 4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). Call a POISON CENTER or doctor/physician. Specific treatment (see ... on this label).

First-aid measures after inhalation : Get medical advice/attention. Remove victim to fresh air and keep at rest in a position comfortable for breathing.

First-aid measures after skin contact : Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Immediately call a POISON CENTER or doctor/physician. Wash with plenty of soap and water. Specific measures (see ... on this label). Wash contaminated clothing before reuse.

MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA)

Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : [info@molychem.net](mailto:info@molychem.net)

Works: Plot No. B/9, Badlapur M.I.D.C., OPP.Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503

# Material Safety Data Sheet



**GIEMSA'S STAINING SOLUTION FOR MICROSCOPY**

**VERSION : 02**  
**DATE OF ISSUE : 26-08-2019**  
**SUPERSEDES : 01**

**Product Code : 31806**

**Page 4 of 12**

First-aid measures after eye contact : Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes. Get medical advice/attention. Obtain medical attention if pain, blinking or redness persist.  
First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Immediately call a POISON CENTER or doctor/physician. Specific treatment (see ... on this label).

## **4.2. Most important symptoms and effects, both acute and delayed**

Symptoms/injuries : Causes damage to organs.

Symptoms/injuries after inhalation : Toxic if inhaled.

Symptoms/injuries after skin contact : Repeated exposure to this material can result in absorption through skin causing significant health hazard. Toxic in contact with skin.

Symptoms/injuries after ingestion : Toxic if swallowed. Swallowing a small quantity of this material will result in serious health hazard.

## **4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

## **5. Firefighting measures**

### **5.1. Extinguishing media**

Suitable extinguishing media : Water spray. Foam. Dry powder. Carbon dioxide. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

### **5.2. Special hazards arising from the substance or mixture**

Fire hazard : Flammable liquid and vapour. Highly flammable liquid and vapour.

Explosion hazard : May form flammable/explosive vapour-air mixture.

### **5.3. Advice for firefighters**

Firefighting instructions : Use water spray or fog for cooling exposed containers.

Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

## **6. Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

General measures : Remove ignition sources. No naked lights. No smoking. Use special care to avoid static electric charges.

#### **6.1.1. For non-emergency personnel**

Emergency procedures : Evacuate unnecessary personnel.

#### **6.1.2. For emergency responders**

Protective equipment : Use personal protective equipment as required. Equip cleanup crew with proper protection. Avoid breathing dust/fume/gas/mist/vapours/spray.

**MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA)**

**Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : [info@molychem.net](mailto:info@molychem.net)**

**Works: Plot No. B/9, Badlapur M.I.D.C., OPP. Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503**

# Material Safety Data Sheet



**GIEMSA'S STAINING SOLUTION FOR MICROSCOPY**

**VERSION : 02**  
**DATE OF ISSUE : 26-08-2019**  
**SUPERSEDES : 01**

**Product Code : 31806**

**Page 5 of 12**

Emergency procedures : Ventilate area.

## **6.2. Environmental precautions**

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

## **6.3. Methods and material for containment and cleaning up**

Methods for cleaning up : Collect spillage. On land, sweep or shovel into suitable containers. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Store away from other materials.

## **6.4. Reference to other sections**

See Heading 8. Exposure controls and personal protection.

## **7. Handling and storage**

### **7.1. Precautions for safe handling**

Additional hazards when processed : Handle empty containers with care because residual vapours are flammable.

Precautions for safe handling : Avoid contact with skin and eyes. Do not breathe vapours. Provide good ventilation in process area to prevent formation of vapour. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. No naked lights. No smoking. Use only non-sparking tools. Do not breathe dust/fume/gas/mist/vapours/spray.

Hygiene measures : Do not eat, drink or smoke when using this product. Wash ... thoroughly after handling.

### **7.2. Conditions for safe storage, including any incompatibilities**

Technical measures : Proper grounding procedures to avoid static electricity should be followed.

Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/... equipment.

Storage conditions : Keep container tightly closed. Keep in fireproof place. Keep only in the original container in a cool, well ventilated place away from :

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Heat sources. Sources of ignition. Direct sunlight.

### **7.3. Specific end use(s)**

No additional information available

## **8. Exposure controls/personal protection**

### **8.1. Control parameters**

No additional information available

### **8.2. Exposure controls**

Personal protective equipment : Avoid all unnecessary exposure.

**MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA)**

**Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : [info@molychem.net](mailto:info@molychem.net)**

**Works: Plot No. B/9, Badlapur M.I.D.C., OPP. Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503**

# Material Safety Data Sheet



**GIEMSA'S STAINING SOLUTION FOR MICROSCOPY**

**VERSION : 02**  
**DATE OF ISSUE : 26-08-2019**  
**SUPERSEDES : 01**

**Product Code : 31806**

**Page 6 of 12**

Hand protection : Protective gloves. Wear protective gloves  
Eye protection : Chemical goggles or safety glasses  
Skin and body protection : Wear suitable protective clothing  
Respiratory protection : Where exposure through inhalation may occur from use, respiratory protection equipment is recommended  
Other information : Do not eat, drink or smoke during use.

## **9. Physical and chemical properties**

### **9.1. Information on basic physical and chemical properties**

**Odour threshold** : No data available

**pH** : 7

**Relative evaporation rate (butylacetate=1)** : No data available

**Melting point** : 17.9 °C

**Freezing point** : No data available

**Boiling point** : 64.5 °C

**Flash point** : 12 °C

**Auto-ignition temperature** : No data available

**Decomposition temperature** : No data available

**Flammability (solid, gas)** : Flammable

Highly flammable liquid and vapour

**Vapour pressure** : 97.68 mm Hg at 20° C)

**Relative vapour density at 20 °C** : 2.37

**Relative density** : No data available

**Density** : 1.04 g/cm<sup>3</sup>

**Solubility : Water**: Easily soluble in cold water

**Log Pow** : No data available

**Viscosity, kinematic** : No data available

**Viscosity, dynamic** : No data available

**Explosive properties** : No data available

**Oxidising properties** : No data available

**Explosive limits** : 6 - 36.5 vol %

### **9.2. Other information**

No additional information available

## **10. Stability and reactivity**

### **10.1. Reactivity**

No additional information available

### **10.2. Chemical stability**

# Material Safety Data Sheet



**GIEMSA'S STAINING SOLUTION FOR MICROSCOPY**

**VERSION : 02**  
**DATE OF ISSUE : 26-08-2019**  
**SUPERSEDES : 01**

**Product Code : 31806**

**Page 7 of 12**

Flammable liquid and vapour. May form flammable/explosive vapour-air mixture.  
Highly flammable liquid and vapour.

### **10.3. Possibility of hazardous reactions**

Not established.

### **10.4. Conditions to avoid**

Open flame. Heat. Sparks. Overheating. Direct sunlight. Extremely high or low temperatures.

### **10.5. Incompatible materials**

Strong acids. Strong bases.

### **10.6. Hazardous decomposition products**

May release flammable gases. fume. Carbon monoxide. Carbon dioxide.

## **11. Toxicological information**

### **11.1. Information on toxicological effects**

Acute toxicity : Oral: Toxic if swallowed. Dermal: Toxic in contact with skin. Inhalation: Toxic if inhaled.

ATE CLP (oral) 100 mg/kg bodyweight

ATE CLP (dermal) 300 mg/kg bodyweight

ATE CLP (gases) 700 ppmv/4h

ATE CLP (vapours) 3 mg/l/4h

ATE CLP (dust,mist) 0.5 mg/l/4h

Skin corrosion/irritation : Not classified

pH: 7

Additional information : Based on available data, the classification criteria are not met

Serious eye damage/irritation : Not classified

pH: 7

Additional information : Based on available data, the classification criteria are not met

Respiratory or skin sensitisation : Not classified

Additional information : Based on available data, the classification criteria are not met

Germ cell mutagenicity : Not classified

Based on available data, the classification criteria are not met

Carcinogenicity : Not classified

Additional information : Based on available data, the classification criteria are not met

Reproductive toxicity : Not classified

Additional information : Based on available data, the classification criteria are not met

Specific target organ toxicity (single exposure) : Causes damage to organs.

Specific target organ toxicity (repeated exposure) : Not classified

Additional information : Based on available data, the classification criteria are not met

Aspiration hazard : Not classified

**MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA)**

**Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : [info@molychem.net](mailto:info@molychem.net)**

**Works: Plot No. B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503**



# Material Safety Data Sheet



**GIEMSA'S STAINING SOLUTION FOR MICROSCOPY**

**VERSION : 02**  
**DATE OF ISSUE : 26-08-2019**  
**SUPERSEDES : 01**

**Product Code : 31806**

**Page 8 of 12**

Additional information : Based on available data, the classification criteria are not met  
Potential adverse human health effects and symptoms: Toxic if swallowed. Toxic in contact with skin.

## **12. Ecological information**

### **12.1. Toxicity**

No additional information available

### **12.2. Persistence and degradability**

Persistence and degradability Not established.

### **12.3. Bioaccumulative potential**

Bioaccumulative potential Not established.

### **12.4. Mobility in soil**

No additional information available

### **12.5. Results of PBT and vPvB assessment**

No additional information available

### **12.6. Other adverse effects**

Additional information : Avoid release to the environment

## **13. Disposal considerations**

### **13.1. Waste treatment methods**

Product/Packaging disposal

Recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to ...

Additional information : Handle empty containers with care because residual vapours are flammable.

Ecology - waste materials : Avoid release to the environment. Hazardous waste due to toxicity.

## **14. Transport information**

In accordance with ADR / RID / IMDG / IATA / ADN

### **14.1. UN number**

UN-No. (ADR) : 1230

UN-No. (IMDG) : 1230

UN-No.(IATA) : 1230

UN-No.(ADN) : 1230

UN-No. (RID) : 1230

### **14.2. UN proper shipping name**

Proper Shipping Name (ADR) : METHANOL

Proper Shipping Name (IMDG) : METHANOL

Proper Shipping Name (IATA) : METHANOL

**MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA)**

**Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : [info@molychem.net](mailto:info@molychem.net)**

**Works: Plot No. B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503**



# Material Safety Data Sheet



**GIEMSA'S STAINING SOLUTION FOR MICROSCOPY**

**VERSION : 02**  
**DATE OF ISSUE : 26-08-2019**  
**SUPERSEDES : 01**

**Product Code : 31806**

**Page 9 of 12**

Proper Shipping Name (ADN) : METHANOL  
Proper Shipping Name (RID) : METHANOL  
Transport document description (ADR) : UN 1230 METHANOL, 3 (6.1), II, (D/E)  
Transport document description (IMDG) : UN 1230 METHANOL, 3 (6.1), II (12°C c.c.)  
Transport document description (IATA) : UN 1230 METHANOL, 3 (6.1), II  
Transport document description (ADN) : UN 1230 METHANOL, 3 (6.1), II  
Transport document description (RID) : UN 1230 METHANOL, 3 (6.1), II

## **14.3. Transport hazard class(es)**

**ADR-** Transport hazard class(es) (ADR) : 3 (6.1)

Danger labels (ADR) : 3, 6.1

**IMDG-** Transport hazard class(es) (IMDG) : 3 (6.1)

Danger labels (IMDG) : 3, 6.1

**IATA-** Transport hazard class(es) (IATA) : 3 (6.1)

Hazard labels (IATA) : 3, 6.1

**ADN-** Transport hazard class(es) (ADN) : 3 (6.1)

Danger labels (ADN) : 3, 6.1

**RID-** Transport hazard class(es) (RID) : 3 (6.1)

Danger labels (RID) : 3, 6.1

## **14.4. Packing group**

Packing group (ADR) : II

Packing group (IMDG) : II

Packing group (IATA) : II

Packing group (ADN) : II

Packing group (RID) : II

## **14.5. Environmental hazards**

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

## **14.6. Special precautions for user**

**Overland transport-** Classification code (ADR) : FT1

Special provision (ADR) : 279

Limited quantities (ADR) : 1L

Excepted quantities (ADR) : E2

Packing instructions (ADR) : P001, IBC02

Mixed packing provisions (ADR) : MP19

Portable tank and bulk container instructions (ADR) : T7

Portable tank and bulk container special provisions (ADR) : TP2

Tank code (ADR) : L4BH

Tank special provisions (ADR) : TU15

**MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA)**

**Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : [info@molychem.net](mailto:info@molychem.net)**

**Works: Plot No. B/9, Badlapur M.I.D.C., OPP.Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503**

# Material Safety Data Sheet



**GIEMSA'S STAINING SOLUTION FOR MICROSCOPY**

**VERSION : 02**  
**DATE OF ISSUE : 26-08-2019**  
**SUPERSEDES : 01**

**Product Code : 31806**

**Page 10 of 12**

Vehicle for tank carriage : FL  
Transport category (ADR) : 2  
Special provisions for carriage - Loading, unloading and handling (ADR) : CV13, CV28  
Special provisions for carriage – Operation (ADR) : S2, S19  
Hazard identification number (Kemler No.) : 336  
Orange plates :  
Tunnel restriction code (ADR) : D/E  
EAC code : •2WE  
APP code : A(fl)  
**Transport by sea-** Special provision (IMDG) : 279  
Limited quantities (IMDG) : 1 L  
Excepted quantities (IMDG) : E2  
Packing instructions (IMDG) : P001  
IBC packing instructions (IMDG) : IBC02  
Tank instructions (IMDG) : T7  
Tank special provisions (IMDG) : TP2  
EmS-No. (Fire) : F-E  
EmS-No. (Spillage) : S-D  
Stowage category (IMDG) : B  
Stowage and handling (IMDG) : SW2  
Flash point (IMDG) : 12°C c.c.  
MFAG-No : 131  
**Air transport-** PCA Excepted quantities (IATA) : E2  
PCA Limited quantities (IATA) : Y341  
PCA limited quantity max net quantity (IATA) : 1L  
PCA packing instructions (IATA) : 352  
PCA max net quantity (IATA) : 1L  
CAO packing instructions (IATA) : 364  
CAO max net quantity (IATA) : 60L  
Special provision (IATA) : A104, A113  
ERG code (IATA) : 3L  
**Inland waterway transport-** Classification code (ADN) : FT1  
Special provisions (ADN) : 279, 802  
Limited quantities (ADN) : 1 L  
Excepted quantities (ADN) : E2  
Carriage permitted (ADN) : T  
Equipment required (ADN) : PP, EP, EX, TOX, A  
Ventilation (ADN) : VE01, VE02  
Number of blue cones/lights (ADN) : 2

**MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA)**

**Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : [info@molychem.net](mailto:info@molychem.net)**

**Works: Plot No. B/9, Badlapur M.I.D.C., OPP.Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503**

# Material Safety Data Sheet



**GIEMSA'S STAINING SOLUTION FOR MICROSCOPY**

VERSION : 02  
DATE OF ISSUE : 26-08-2019  
SUPERSEDES : 01

Product Code : 31806

Page 11 of 12

**Rail transport-** Classification code (RID) : FT1

Special provision (RID) : 279

Limited quantities (RID) : 1L

Excepted quantities (RID) : E2

Packing instructions (RID) : P001, IBC02

Mixed packing provisions (RID) : MP19

Portable tank and bulk container instructions (RID) : T7

Portable tank and bulk container special provisions (RID) : TP2

Tank codes for RID tanks (RID) : L4BH

Special provisions for RID tanks (RID) : TU15

Transport category (RID) : 2

Special provisions for carriage – Loading and unloading (RID) : CW13, CW28

Colis express (express parcels) (RID) : CE7

Hazard identification number (RID) : 336

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

## **15. Regulatory information**

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

### **15.1.1. EU-Regulations**

Contains no substances with Annex XVII restrictions

Contains no REACH candidate substance

Contains no REACH Annex XIV substances.

### **15.1.2. National regulations**

#### **Germany**

AwSV/VwVwS Annex reference : Water hazard class (WGK) 2, hazardous to water

(Classification according to AwSV, Annex 1)

12th Ordinance Implementing the Federal

Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

#### **Denmark**

Class for fire hazard : Class I-1

Store unit : 1 liter

Classification remarks : F <Flam. Liq. 2>; Emergency management guidelines for the storage of flammable liquids must be followed

Recommendations Danish Regulation : Young people below the age of 18 years are not allowed to use the product

Pregnant/breastfeeding women working with the product must not be in direct

**MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA)**

**Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : [info@molychem.net](mailto:info@molychem.net)**

**Works: Plot No. B/9, Badlapur M.I.D.C., OPP.Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503**

# Material Safety Data Sheet



**GIEMSA'S STAINING SOLUTION FOR MICROSCOPY**

**VERSION : 02**  
**DATE OF ISSUE : 26-08-2019**  
**SUPERSEDES : 01**

**Product Code : 31806**

**Page 12 of 12**

contact with the product

## **15.2. Chemical safety assessment**

No chemical safety assessment has been carried out

## **16. Other information**

**Abbreviations and acronyms :** PBT: persistent, bioaccumulative and toxic.

vPvB: very persistent and very bioaccumulative

**Sources of key data used :** REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

**Further information :** None.

In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation (CE) N° 1272/2008 **DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

## **End of document**

**Prepared by: MOLYCHEM (INDIA)**

**For questions contact: MOLYCHEM**

**Office: 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai – 400 002 (INDIA)**

**Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442.**

**Email : [info@molychem.net](mailto:info@molychem.net)**

**Works: Plot No. B/9, Badlapur M.I.D.C., OPP. Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503**

(The statements contained herein are offered for informational purposes only and are based upon technical data that MOLYCHEM believes to be accurate. It is intended for use only by persons having the necessary technical skills and at their own discretion and risk. Since conditions and manner of use are outside our control, we make **NO WARRANTY, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE.**)

**MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA)**

**Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : [info@molychem.net](mailto:info@molychem.net)**

**Works: Plot No. B/9, Badlapur M.I.D.C., OPP. Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503**