

# MATERIAL SAFETY DATA SHEET

## Chemical Product

Product Name: JENNER'S STAIN (FOR MICROSCOPY)  
 CAS#: 62851-42-7  
 Chemical Name: JENNER'S STAIN (FOR MICROSCOPY)  
 Chemical Formula:

## Composition and Information on Ingredients

Name	S.K.U	% by Weight
JENNER'S STAIN	GCS-9738	100

Substance / Preparation: JENNER'S STAIN  
 CAS No: 62851-42-7  
 Substance.  
 Contains no other components or impurities which will influence the classification of the product.

## Hazards Identification

Classification of the substance or mixture Classification EC 67/548 or EC 1999/45 Classification :  
 Xn; R21/22  
 Xi; R36/38

Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)  
 Health hazards : Acute toxicity, dermal - Category 4 - Warning (CLP : Acute Tox. 4) H312 Skin irritation - Category 2 - Warning (CLP : Skin Corr. 2) H315  
 Eye irritation - Category 2A - Warning (CLP : Eye Irrit. 2) H319 Acute toxicity, Oral - Category 4 - Warning (CLP : Acute Tox. 4) H302

Other hazards : The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

## First Aid Measures

Description of first aid measures:

Inhalation: Assure fresh air breathing. Allow the victim to rest.

Skin contact: Wash contaminated clothing before reuse. Wash with plenty of soap and water.  
 Specific treatment (see on this label). Immediately call a POISON CENTER or doctor. If skin irritation occurs : Get medical advice.

Eye contact: Get medical advice. If eye irritation persists : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.

Ingestion: Immediately call a POISON CENTER or doctor. Do NOT induce vomiting. Rinse mouth.

Most important symptoms and effects, both acute and delayed:  
 Symptoms relating to use: Repeated exposure to this material can result in absorption through skin causing significant health hazard. Swallowing a small quantity of this material will result in serious health hazard. Causes serious eye irritation. Causes skin irritation.  
 Indication of any immediate medical attention and special treatment needed:  
 General information: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

## Fire and Explosion Data

Extinguishing media

Extinguishing media

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

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

Surrounding fires : Use water spray or fog for cooling exposed  
 containers.

Special hazards arising from the substance or mixture

Hazardous combustion products : Under fire conditions, hazardous fumes will be  
 present.

Advice for fire-fighters

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

Special procedures : Exercise caution when fighting any chemical fire.

Avoid (reject)  
 fire-fighting water to enter environment.

## Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

For emergency responders : Equip cleanup crew  
 with proper protection.

Ventilate area.

For non-emergency personnel : Evacuate unnecessary personnel.

Environmental precautions

Environmental precautions : Prevent entry to sewers and public waters. Notify  
 authorities if  
 product enters sewers or public waters.

Methods and materials for contain ent and cleaning up

Clean up methods

: On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

## Handling and Storage

Precautions:

Wash thoroughly after handling. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Provide good ventilation in process area to prevent formation of vapour.

Storage: Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.

Storage - away from: Strong bases. Strong acids. Sources of ignition. Direct sunlight.

## Exposure Controls/Personal Protection

Exposure controls:

Personal protection: Avoid all unnecessary exposure.

Respiratory protection: Wear approved mask.

Hand protection: Wear protective gloves.

Skin protection: Wear suitable protective clothing.

Eye protection: Chemical goggles or safety glasses.

Others: When using, do not eat, drink or smoke.

Control parameters:

Occupational Exposure Limits: No data available.

## Physical and Chemical Properties

Physical state and appearance : Solid.

Odor : Not available.

Taste : Not available.

Molecular Weight : Not available.

Color : Green.

pH (1% soln/water) : Not available.

Boiling Point : Not available.

Melting Point : Not available.

Critical Temperature : Not available.

Specific Gravity : Not available.

Vapor Pressure : Not applicable.

Vapor Density : Not available.

Volatility : Not available.

Odor Threshold : Not available.

Water/Oil Dist. Coeff. : Not available.

Ionicity (in Water) : Not available.

Dispersion Properties : Not available.

Solubility : Not available.

## Stability and Reactivity Data

Reactivity

Reactivity : Not established.

Chemical stability

Chemical stability : Stable under recommended storage conditions.

Possibility of hazardous reactions

Hazardous reactions : Not established.

Conditions to avoid

Conditions to avoid : Direct sunlight. Extremely high or low temperatures.

Incompatible materials

Materials to avoid : Strong acids. Strong bases.

Hazardous decomposition products

Hazardous decomposition products : Fumes. Carbon monoxide. Carbon dioxide.

## Toxicological Information

Information on toxicological effects:

Acute toxicity:

Inhalation: Based on available data, the classification criteria are not met.

Dermal: Harmful in contact with skin.

Ingestion: Harmful if swallowed.

Corrosion: Based on available data, the classification criteria are not met. Irritation: Causes serious eye irritation. Causes skin irritation.

Sensitization: Based on available data, the classification criteria are not met. Mutagenicity: Based on available data, the classification criteria are not met. Carcinogenicity: Based on available data, the classification criteria are not met.

Toxic for reproduction: Based on available data, the classification criteria are not met.

STOT-single exposure: Based on available data, the classification criteria are not met. STOT-repeated exposure: Based on available data, the classification criteria are not met. Aspiration hazard: Based on available data, the classification criteria are not met.

## Ecological Information

Toxicity

Toxicity information : Not established.

Persistence – degradability

Persistence - degradability :

Biodegradable.

Bioaccumulative potential

Bioaccumulative potential :

Not established. Mobility in  
soil

Mobility in soil : Not established.

Results of PBT and vPvB assessment

Results of PBT and vPvB assessment : The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

Other adverse effects

Environmental precautions : Avoid release to the environment.

## Disposal Considerations

Waste Disposal: Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations. Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

## Transformation Information

Land transport (ADR-RID)

General information: Not regulated.

Sea transport (IMDG) [English only]

General information: Not regulated.

Air transport (ICAO-IATA) [English only]

General information: Not regulated.

## Other Regulatory Information

Safety, health and environmental : Ensure all national/local regulations are observed.  
regulations/legislation specific for the substance or mixture.

REACH Restrictions - Annex XVII : The components of this product are not subject to restrictions.

REACH Authorisation - Annex XIV : The components of this product are not subject to authorization.

Chemical Safety Assessment:

Chemical Safety Assessment : It has not been carried out.

### **Additional Information**



References: Not available.

Other Special Considerations: Not available.

## ***Disclaimer:***

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