SAFETY DATA SHEET
LG 63 BRILLIANT YELLOW

1. Identification

Product identifier

Product name LG 63 BRILLIANT YELLOW
Product number LG 63 BRILLIANT YELLOW

Recommended use of the chemical and restrictions on use

Application Ceramic Glaze

Details of the supplier of the safety data sheet

Supplier American Art Clay Co Inc
6060 Guion Road
Indianapolis,
IN 46254-1222
USA
+1 317 244 6871

Emergency telephone number

Emergency telephone 1 317 244 6871 Mon-Fri, 0900-1700 EST

2. Hazard(s) identification

Classification of the substance or mixture

Physical hazards Not Classified
Health hazards Not Classified
Environmental hazards Not Classified

Label elements

Hazard statements NC Not Classified

Other hazards none present.

3. Composition/information on ingredients

Mixtures

Composition comments Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.

4. First-aid measures

Description of first aid measures

Inhalation Unlikely route of exposure as the product does not contain volatile substances.
Ingestion Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.
Skin Contact Wash skin thoroughly with soap and water.
Eye contact Rinse with water.

Most important symptoms and effects, both acute and delayed

Inhalation Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust/mist can and may aggravate irritation of the throat and lungs.
LG 63 BRILLIANT YELLOW

Ingestion
Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there.

Skin contact
Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin.

Eye contact
Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub.

Indication of immediate medical attention and special treatment needed

Notes for the doctor
Treat symptomatically.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media
Use fire-extinguishing media suitable for the surrounding fire.

Special hazards arising from the substance or mixture

Specific hazards
The product is not believed to present a hazard due to its physical nature.

Advice for firefighters

Special protective equipment for firefighters
Use protective equipment appropriate for surrounding materials.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions
For personal protection, see Section 8.

Environmental precautions

Environmental precautions
Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

Methods and material for containment and cleaning up

Methods for cleaning up
Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material.

Reference to other sections
For waste disposal, see Section 13. For personal protection, see Section 8.

7. Handling and storage

Precautions for safe handling

Usage precautions
Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

Conditions for safe storage, including any incompatibilities

Storage precautions
Store in tightly-closed, original container in a dry and cool place.

Specific end uses(s)
The identified uses for this product are detailed in Section 1.2.

8. Exposure Controls/personal protection
LG 63 BRILLIANT YELLOW

Ingredient comments
Only ingredients listed in Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.

Exposure controls
Appropriate engineering controls
No specific ventilations requirements unless the “FAN” pictogram is shown above or specified in Section 2.

Eye/face protection
No specific eye protection required unless the “EYE PROTECTION” pictogram is shown above or specified in Section 2.

Hand protection
No specific hand protection required unless the “HAND PROTECTION” pictogram is shown above or specified in Section 2.

Hygiene measures
Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.

Respiratory protection
No specific respiratory protection required unless the “RESPIRATOR” pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Colored liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Various colors</td>
</tr>
<tr>
<td>Odor</td>
<td>Almost odorless</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No information available.</td>
</tr>
<tr>
<td>pH</td>
<td>6-8</td>
</tr>
<tr>
<td>Melting point</td>
<td>No information available.</td>
</tr>
<tr>
<td>Initial boiling point and range</td>
<td>No information available.</td>
</tr>
<tr>
<td>Flash point</td>
<td>No information available.</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No information available.</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No information available.</td>
</tr>
<tr>
<td>Upper/lower flammability or explosive limits</td>
<td>No information available.</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>No information available.</td>
</tr>
<tr>
<td>Relative density</td>
<td>Greater than 1.0</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>No information available.</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No information available.</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No information available.</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>none</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>none</td>
</tr>
<tr>
<td>Other information</td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>
**LG 63 BRILLIANT YELLOW**

### 10. Stability and reactivity

<table>
<thead>
<tr>
<th>Category</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reactivity</td>
<td>There are no known reactivity hazards associated with this product.</td>
</tr>
<tr>
<td>Stability</td>
<td>No particular stability concerns.</td>
</tr>
<tr>
<td>Possibility of hazardous reactions</td>
<td>None known.</td>
</tr>
<tr>
<td>Conditions to avoid</td>
<td>None known.</td>
</tr>
<tr>
<td>Materials to avoid</td>
<td>None known.</td>
</tr>
<tr>
<td>Hazardous decomposition products</td>
<td>None known.</td>
</tr>
</tbody>
</table>

### 11. Toxicological information

**Information on toxicological effects**

<table>
<thead>
<tr>
<th>Toxicological effects</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity - oral</td>
<td>Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).</td>
</tr>
<tr>
<td>ATE oral (mg/kg)</td>
<td>7,849.29</td>
</tr>
<tr>
<td>Acute toxicity - inhalation</td>
<td></td>
</tr>
<tr>
<td>ATE inhalation (dusts/mists mg/l)</td>
<td>23.55</td>
</tr>
</tbody>
</table>

| Skin corrosion/irritation       |                                                                              |
| Skin sensitization              | Based on available data the classification criteria are not met.            |

| Eye contact                     | May cause temporary eye irritation.                                          |

### 12. Ecological Information

**Ecotoxicity**

Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

**Toxicity**

Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

| Persistence and degradability   | No data available.                                                          |
| Biodegradation                  | Not inherently biodegradable.                                               |
| Bioaccumulative potential       |                                                                             |
| Partition coefficient           | No information available.                                                   |
| Mobility in soil                |                                                                             |
LG 63 BRILLIANT YELLOW

Mobility
Semi-mobile.

Results of PBT and vPvB assessment
This product does not contain any substances classified as PBT or vPvB.

Other adverse effects
None known.

13. Disposal considerations

Waste treatment methods
General information
Dispose of waste product or used containers in accordance with local regulations. When handling waste, the safety precautions applying to handling of the product should be considered.

14. Transport information

General
The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).

UN Number
Not applicable.

UN proper shipping name
Not applicable.

Transport hazard class(es)
No transport warning sign required.

Packing group
Not applicable.

Environmental hazards

Environmentally Hazardous Substance
Please refer to Section 2 for any environmental hazards associated with this product. If H411/H412 warnings are shown then please verify packaging and labeling requirements for larger volumes.

Special precautions for user
Not applicable.

Transport in bulk according to
Annex II of MARPOL 73/78 and the IBC Code
Not applicable.

15. Regulatory information

US State Regulations
California Proposition 65 Carcinogens and Reproductive Toxins
None of the ingredients are listed or exempt.

Inventories
Canada - DSL/NDSL
All the ingredients are listed or exempt.
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US - TSCA
All the ingredients are listed or exempt.

US - TSCA 12(b) Export Notification
All the ingredients are listed or exempt.

16. Other Information

<table>
<thead>
<tr>
<th>Description</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>General information</td>
<td>The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5, Non Lead Frit65997-18-4, Feldspar68476-25-5, Crystalline Silica14808-60-7, Zinc Oxide1314-13-2</td>
</tr>
<tr>
<td>Revision date</td>
<td>5/4/2016</td>
</tr>
<tr>
<td>Revision</td>
<td>4</td>
</tr>
<tr>
<td>Supersedes date</td>
<td>4/4/2016</td>
</tr>
<tr>
<td>SDS No.</td>
<td>5272</td>
</tr>
</tbody>
</table>

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.