

## BRILLIANT GREEN

### SECTION 1: PRODUCT IDENTIFICATION

**Product Name:** BRILLIANT GREEN  
**Product Code:** 1611  
**CAS#:** 633-03-4  
**Synonym:** Not available  
**Chemical Formula:**  $C_{27}H_{33}N_2 \cdot HO_4S$   
**Molecular Weight:** 482.65

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

**Composition:**  
BRILLIANT GREEN  
**Toxicological Data on Ingredients:**  
Not available

### SECTION 3: HAZARDS IDENTIFICATION

**Classification of the substance or mixture**  
Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]  
Acute toxicity, Oral (Category 4)  
Eye irritation (Category 2)  
Classification according to EU Directives 67/548/EEC or 1999/45/EC  
Harmful if swallowed. Irritating to eyes.  
**Other hazards** – none

### SECTION 4: FIRST AID MEASURES

**If inhaled**  
If breathed in, move person into fresh air. If not breathing, give artificial respiration.  
**In case of skin contact**  
Wash off with soap and plenty of water.  
**In case of eye contact**  
Flush eyes with water as a precaution.  
**If swallowed**  
Never give anything by mouth to an unconscious person. Rinse mouth with water.

### SECTION 5: FIRE FIGHTING MEASURES

**Suitable extinguishing media**  
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.  
**Special hazards arising from the substance or mixture**  
Carbon oxides, nitrogen oxides (NOx), Sulphur oxides, Sodium oxides  
**Advice for firefighters**  
Wear self contained breathing apparatus for firefighting if necessary

### SECTION 6: ACCIDENTAL RELEASE MEASURES



**Personal precautions and emergency procedures:** Advice for non-emergency personnel: Do not breathe vapors, aerosols. Avoid substance contact. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures, consult an expert. Environmental precautions: Do not let product enter drains.

**Environmental precautions:** Do not let product enter drains.

**Methods and materials for containment and cleaning up:** Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions Take up with liquid-absorbent material Dispose of properly. Clean up affected area.

## SECTION 7: HANDLING AND STORAGE

### Precautions:

Keep away from heat. Keep away from sources of ignition.

### Storage:

Store in cool, dry place in closed containers

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure controls

**Appropriate engineering controls** Handle in accordance with good industrial hygiene and safety practice.

Wash hands before breaks and at the end of workday.

### Personal protective equipment

**Eye/face protection** Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection** Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Body Protection** Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection** Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Control of environmental exposure** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state and appearance Form</b>	: Powder
<b>Odour</b>	: Green
<b>Taste</b>	: Not available
<b>Molecular Weight</b>	: Not available
<b>Colour</b>	: Not available
<b>pH</b>	: Not available
<b>Boiling Point</b>	: Not available
<b>Melting Point</b>	: Not available
<b>Critical Temperature</b>	: Not available
<b>Specific Density</b>	: Not Available
<b>Vapor Pressure</b>	: Not Available
<b>Vapor Density</b>	: Not available
<b>Volatility</b>	: Not Available
<b>Odor Threshold</b>	: Not Available
<b>Water/Oil Dist. Coeff.</b>	: Not Available
<b>Ionicity (in Water)</b>	: Not Available



Dispersion Properties : Not Available  
Solubility : Not available

### SECTION 10: STABILITY AND REACTIVITY DATA

**Reactivity** no data available  
**Chemical stability** Stable under recommended storage conditions.  
**Possibility of hazardous reactions** no data available  
**Conditions to avoid** Excess heat.  
**Incompatible materials** Strong oxidizing agents  
**Hazardous decomposition products** Other decomposition products - no data available

### SECTION 11: TOXICOLOGICAL INFORMATION

**Acute toxicity:** LD50 Oral - rat - 313 mg/kg  
**Skin corrosion/irritation:** Not available.  
**Serious eye damage/eye irritation:** Not available.  
**Respiratory or skin sensitization:** Not available.  
**Carcinogenicity:** Not available.  
**Reproductive toxicity:** Not available.  
**Specific target organ toxicity - single exposure:** Not available.  
**Specific target organ toxicity - repeated exposure:** Not available.  
**Aspiration hazard:** Not available.

### SECTION 12: ECOLOGICAL INFORMATION

**Toxicity:** Toxicity to fish LC50 - Ptychocheilus lucius - 279 mg/l - 96 h  
**Persistence and degradability:** Not available.  
**Bioaccumulative potential:** Not available.  
**Mobility in soil:** Not available.

### SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal:** Waste must be disposed of in accordance with federal, state and local environmental control regulations.

### SECTION 14: TRANSPORT INFORMATION

<b>UN number:</b>		
<b>ADR/RID:</b>	<b>IMDG:</b>	<b>IATA:</b>
<b>UN proper shipping name</b>		
<b>ADR/RID:</b>		
<b>IMDG:</b>		
<b>IATA:</b>		
<b>Transport hazard class (es):</b>		
<b>ADR/RID:</b>	<b>IMDG:</b>	<b>IATA:</b>
<b>Packaging group:</b>		
<b>ADR/RID:</b>	<b>IMDG:</b>	<b>IATA:</b>
<b>Environmental hazards:</b>		
<b>ADR/RID:</b>	<b>IMDG Marine pollutant:</b>	<b>IATA:</b>

### SECTION 15: OTHER REGULATORY INFORMATION



**Regulatory information** This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

**Safety, health and environmental regulations/legislation** specific for the substance or mixture no data available

**Chemical Safety Assessment** For this product a chemical safety assessment was not carried out

#### SECTION 16: OTHER INFORMATION

**References:** Not available.

**Other Special Considerations:** Not available.

The information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. The information is offered solely for user's obligation to investigate and determine the suitability of the information for their particular purpose.