

## SAFETY DATA SHEET

### SECTION 1 : IDENTIFICATION

Product identifier used on the label:

**Product Name:** Green Oxide Sample Colorant SPR GROX  
**Product Code:** 81942  
**SDS Manufacturer Number:** 81942

Other means of identification:

Recommended use of the chemical and restrictions on use:

**Product Use/Restriction:** Primary product use: Coloring agent

Chemical manufacturer address and telephone number:

**Manufacturer Name:** Sto Corp.  
**Address:** 6175 Riverside Drive, SW  
 Atlanta, Georgia 30331  
**General Phone Number:** (404) 346-3666

Emergency phone number:

**Emergency Phone Number:** (800) 424-9300

### SECTION 2 : HAZARD(S) IDENTIFICATION

Classification of the chemical in accordance with CFR 1910.1200(d)(f):

**GHS Pictograms:**



**Signal Word:** WARNING.

**GHS Class:** Specific Target Organ Toxicity -STOT Repeated exposure RE. Category 2 (Lungs).

**Hazard Statements:** May cause damage to organs through prolonged or repeated exposure.

**Precautionary Statements:** Do not breathe dust/fume/gas/mist/vapours/spray.  
 Get medical advice/attention if you feel unwell.  
 Dispose of contents/container in accordance with Local, State, Federal and Provincial regulations.

Hazards not otherwise classified that have been identified during the classification process:

### SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures:

| Chemical Name         | CAS#      | Ingredient Percent | EC Num. |
|-----------------------|-----------|--------------------|---------|
| C.I. Pigment Green 17 | 1308-38-9 | > = < = 15 %       |         |

### SECTION 4 : FIRST AID MEASURES

Description of necessary measures:

**Eye Contact:** Immediately flush eyes with plenty of water for 15 to 20 minutes. Get medical attention, if irritation or symptoms of overexposure persists.

**Skin Contact:** Immediately wash skin with plenty of soap and water for 15 to 20 minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.

**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

**Ingestion:** If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Most important symptoms/effects, acute and delayed:

**Other First Aid:** Most important symptoms and effects, both acute and delayed: The possible symptoms known are

those derived from the labelling (see section 2).  
Get medical advice/attention if you feel unwell..

Indication of immediate medical attention and special treatment needed:

**Note to Physicians:** Treat symptomatically.

## SECTION 5 : FIRE FIGHTING MEASURES

Suitable and unsuitable extinguishing media:

**Suitable Extinguishing Media:** Water spray jet, dry powder, carbon dioxide (CO<sub>2</sub>), and alcohol resistant foam

**Unsuitable extinguishing media:** Most important symptoms and effects, both acute and delayed.

Specific hazards arising from the chemical:

**Hazardous Combustion Byproducts:** Hazardous combustion gases include: Carbon monoxide (CO)carbon dioxide (CO), nitrogen oxides (N), noxious and toxic fumes.

**Unusual Fire Hazards:** Emits toxic fumes under fire conditions.

Special protective equipment and precautions for fire-fighters:

**Protective Equipment:** As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.

**Fire Fighting Instructions:** Exercise caution when fighting any chemical fire..

## SECTION 6 : ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

**Personal Precautions:** Use proper personal protective equipment as listed in Section 8.

Environmental precautions:

**Environmental Precautions:** Treat recovered material as described in the section Disposal considerations.  
The product should not be allowed to enter drains, water courses or the soil.

Methods and materials for containment and cleaning up:

**Methods for containment:** Contain spill. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

**Methods for cleanup:** Small spills may be flushed to the sewer or absorbed on suitable absorbents. Larger spills should be collected as liquid or absorbed.  
Clean-up may be accomplished by flushing with water if appropriate or remove contaminated soils.  
place in appropriate containers.

## SECTION 7 : HANDLING and STORAGE

Precautions for safe handling:

**Handling:** Advice on safe handling:  
Use personal protective equipment.  
Avoid breathing vapors.  
Avoid contact with skin, eyes and clothing.  
Wash thoroughly after handling.  
Store in a dry place.  
Keep away from heat.  
Store in original container.  
Keep container tightly closed.

**Hygiene Practices:** Wash hands before breaks and at the end of workday.  
Use protective skin cream before handling the product.  
Take off immediately all contaminated clothing and wash it before reuse.

Conditions for safe storage, including any incompatibilities:

**Storage:** Keep containers tightly closed in a cool, well-ventilated place.  
Handle and open container with care.  
Keep away from flames and sparks.

## SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

EXPOSURE GUIDELINES:

**Copper (as an integral part of dye molecule):**

**Guideline ACGIH:** TLV-TWA: 0.2 mg/m<sup>3</sup>  
TLV-TWA: 1 mg/m<sup>3</sup>

**Guideline OSHA:** PEL-TWA: 1 mg/m<sup>3</sup>  
PEL-TWA: 0.1 mg/m<sup>3</sup>

Appropriate engineering controls:

|  |  |
|--|--|
| <b>Engineering Controls:</b>           | Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the personal protective equipment. |
| <u>Individual protection measures:</u> |  |
| <b>Eye/Face Protection:</b>            | Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166.   |
| <b>Skin Protection Description:</b>    | Wear appropriate protective gloves and other protective apparel to prevent skin contact. Consult manufacturer's data for permeability data.  |
| <b>Hand Protection Description:</b>    | Wear appropriate protective gloves. Consult glove manufacturer's data for permeability data.   |
| <b>Respiratory Protection:</b>         | A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.  |
| <b>Other Protective:</b>               | Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.   |
| <b>General Hygiene Considerations:</b> | Wash thoroughly after handling. Avoid contact with eyes and skin. Avoid inhaling vapor or mist.  |

## SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

### PHYSICAL AND CHEMICAL PROPERTIES:

|   |  |
|---|--|
| <b>Physical State:</b>                  | Liquid.  |
| <b>Color:</b>                           | Green.   |
| <b>Odor:</b>                            | Not significant  |
| <b>Odor Threshold:</b>                  | Not determined.  |
| <b>Boiling Point:</b>                   | Approximately 100 °C   |
| <b>Melting Point:</b>                   | Not applicable.  |
| <b>Density:</b>                         | Approximately 1.8 g/cm <sup>3</sup>  |
| <b>Vapor Density:</b>                   | Not determined.  |
| <b>Vapor Pressure:</b>                  | Not determined.  |
| <b>Evaporation Rate:</b>                | Not determined.  |
| <b>pH:</b>                              | 6 - 10, Concentration: 100 g/l (25 °C)   |
| <b>Molecular Weight:</b>                | No data available  |
| <b>Viscosity:</b>                       | Dynamic Viscosity: 2,000 - 10,000 mPa.s Kinematic Viscosity 1,111 - 5,555 mm <sup>2</sup> /s Method.: Calculated |
| <b>Flash Point:</b>                     | Not determined.  |
| <b>Lower Flammable/Explosive Limit:</b> | Not determined.  |
| <b>Upper Flammable/Explosive Limit:</b> | Not applicable.  |
| <b>Auto Ignition Temperature:</b>       | Not applicable.  |
| <b>Oxidizing Properties:</b>            | No data available  |

## SECTION 10 : STABILITY and REACTIVITY

### Reactivity:

**Reactivity:** No dangerous reaction known under conditions of normal use.

### Chemical Stability:

**Chemical Stability:** Stable.

### Possibility of hazardous reactions:

**Hazardous Polymerization:** Will not occur.

### Conditions To Avoid:

**Conditions to Avoid:** None known.

### Incompatible Materials:

**Incompatible Materials:** No data available for this product.

### Hazardous Decomposition Products:

**Special Decomposition Products:** No decomposition if stored and applied as directed.

**Possibility of Hazardous Reactions.** No decomposition if stored and applied as directed.

## SECTION 11 : TOXICOLOGICAL INFORMATION

### TOXICOLOGICAL INFORMATION:

|                                  |   |
|----------------------------------|---|
| Eye:                             | No data available   |
| Skin:                            | No data available   |
| Inhalation:                      | Inhalation Rat LC50: > 5.41 mg/l 4 hr ( OECD 403)   |
| Sensitization:                   | Respiratory or skin sensitisation:<br>Product:<br>Remarks: No data available<br><br>Components: C.I. Pigment Green 17:<br>Species: Guinea pig<br>Method: OECD Test Guideline 406<br>Result: Non-sensitizing |
| Carcinogenicity:                 | Not listed  |
| Mutagenicity:                    | No information available.   |
| Reproductive Toxicity:           | No data available   |
| Target Organ Single Exposures:   | No data available   |
| Target Organ Repeated Exposures: | Oral Rat NOAEL = 2,000 mg/kg  |
| Aspiration:                      | No data available   |

## SECTION 12 : ECOLOGICAL INFORMATION

|                                   |                   |
|-----------------------------------|-------------------|
| <u>Ecotoxicity:</u>               |                   |
| Ecotoxicity:                      | No data available |
| <u>Bioaccumulative potential:</u> |                   |
| Bioaccumulation:                  | No data available |

## SECTION 13 : DISPOSAL CONSIDERATIONS

### Description of waste:

|                 |  |
|-----------------|--|
| Waste Disposal: | Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classifications of hazardous waste prior to disposal. Furthermore, consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance.<br>Small quantities may be treated in aerobic wastewater treatment systems. Larger quantities may be incinerated or landfilled after solidification in permitted systems<br>Packaging that cannot be cleaned should be disposed of as product waste |
|-----------------|--|

## SECTION 14 : TRANSPORT INFORMATION

|                      |                                     |
|----------------------|-------------------------------------|
| DOT Shipping Name:   | Not restricted as a dangerous good. |
| IATA Shipping Name:  | Not restricted as a dangerous good. |
| IMDG Shipping Name : | Not restricted as a dangerous good. |

## SECTION 15 : REGULATORY INFORMATION

### Safety, health and environmental regulations specific for the product:

|                        |   |
|------------------------|---|
| TSCA Inventory Status: | Listed  |
| SARA:                  | Exempt from reporting requirements.                                       |
| Section 302 EHS:       | This material does not contain any components with a CERCLA RQ            |
| CERCLA Section 302:    | This material does not contain any components with a section 304 EHS RQ   |
| Clean Water Act RQ:    | Contains no known priority pollutants at concentrations greater than 0.1% |
| Canada DSL:            | Listed  |
| Japan METI:            | Listed  |
| South Korea KECL:      | Listed  |
| China:                 | Listed  |
| Australia AICS:        | Listed  |
| Philippines PICCS:     | Listed  |
| New Zealand:           | Listed  |

### Copper (as an integral part of dye molecule) :

|                        |   |
|------------------------|---|
| TSCA Inventory Status: | Listed  |
| Section 313:           | EPCRA - 40 CFR Part 372 - (SARA Title III) Section 313 Listed Chemical. |
| Canada DSL:            | Listed  |

EC Number: "231-159-6"

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## SECTION 16 : ADDITIONAL INFORMATION

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**HMIS Ratings:**

SDS Creation Date: April 22, 2015

SDS Revision Date: March 04, 2016

**Disclaimer:**

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