

# SAFETY DATA SHEET



Revision Date 11-Jun-2015  
Version 3

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

### 1.1 Product identifier

Product name Signal Green™ Paint  
Product code 215-18

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

Recommended Use Paint  
Restrictions on use No information available

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

Supplier DayGlo Color Corp.  
4515 St. Clair Avenue  
Cleveland, OH 44103  
(216) 391-7070  
+1 216-391-7070 (outside the US)

E-mail Address ehs@dayglo.com

### 1.4 Emergency telephone number

Emergency telephone number Chemtrec: +1 703-527-3887 ex-USA  
Chemtrec: 1-800-424-9300 USA

## 2. Hazards identification

### 2.1 Classification of the substance or mixture

#### GHS Classification in accordance with 29 CFR 1910.1200

Aspiration toxicity	Category 1
Flammable liquids	Category 3

### 2.2 Label elements

#### Signal Word

Danger

#### Hazard Statements

May be fatal if swallowed and enters airways  
Flammable liquid and vapor

**Precautionary Statements - Prevention**

Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
 Keep container tightly closed  
 Ground/Bond container and receiving equipment  
 Use explosion-proof electrical/ventilating/lighting/equipment  
 Use only non-sparking tools  
 Take precautionary measures against static discharge  
 Wear protective gloves/protective clothing/eye protection/face protection

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
 Do NOT induce vomiting  
 In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction

**Precautionary Statements - Storage**

Store locked up  
 Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**2.3. Other Hazards Hazards not otherwise classified (HNOC)**

Not Applicable

**2.4 Other information**

Not Applicable

**Unknown Acute Toxicity** 17.0933% of the mixture consists of ingredient(s) of unknown toxicity

### 3. Composition/Information on Ingredients

**Substance**

Chemical Name	CAS-No	Weight %
Distillates, petroleum, hydrotreated light	64742-47-8	30 - 40
Stoddard Solvent	8052-41-3	< 1

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. First aid measures

**4.1 Description of first-aid measures**

<b>General advice</b>	Show this material safety data sheet to the doctor in attendance. When symptoms persist or in all cases of doubt seek medical advice.
<b>Eye contact</b>	Remove contact lenses. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician if irritation develops or persists.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes. If skin irritation persists, call a physician.
<b>Inhalation</b>	Consult a physician.

**Ingestion** Do NOT induce vomiting. Drink plenty of water. Consult a physician.

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

**Symptoms** See Section 2.2, Label Elements and/or Section 11, Toxicological effects.

#### **4.3 Recommendations for immediate medical care and/or special treatment**

**Notes to physician** Treat symptomatically.

### **5. Fire-Fighting Measures**

#### **5.1 Extinguishing media**

##### **Suitable extinguishing media**

Use water spray, fog, Carbon dioxide (CO<sub>2</sub>), foam or dry chemical.

**Unsuitable Extinguishing Media** High volume water jet.

#### **5.2 Specific hazards arising from the substance or mixture**

##### **Special Hazard**

Hazardous decomposition products formed under fire conditions

**Hazardous Combustion Products** No information available.

##### **Explosion Data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** May be ignited by heat, sparks or flames.

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

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### **6. Accidental Release Measures**

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

Use personal protective equipment. Remove all sources of ignition. Ensure adequate ventilation, especially in confined areas. Avoid contact with skin, eyes and clothing. Do not breathe vapors or spray mist.

#### **6.2 Environmental precautions**

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not allow material to contaminate ground water system. See Section 12 for additional Ecological information.

#### **6.3 Methods and materials for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Soak up with inert absorbent material. Prevent product from entering drains. Ground and bond containers when transferring material. Keep in suitable and closed containers for disposal.

### **7. Handling and storage**

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

**Advice on safe handling** Keep away from heat, sparks and open flame. No smoking. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors).

**Hygiene measures** When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday. Remove and wash contaminated clothing before re-use.

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

**Storage Conditions** Keep away from heat and sources of ignition. Keep container tightly closed in a dry and well-ventilated place.

**Materials to Avoid** Strong oxidizing agents.

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

### **8.1 Occupational Exposure Limits (OEL)**

Chemical Name	ACGIH TLV	OSHA PEL	British Columbia	Alberta	Quebec	Ontario TWAEV
Distillates, petroleum, hydrotreated light 64742-47-8	-	-	TWA: 200 mg/m <sup>3</sup> Skin			
Stoddard Solvent 8052-41-3	TWA: 100 ppm	TWA: 500 ppm TWA: 2900 mg/m <sup>3</sup>	TWA: 290 mg/m <sup>3</sup> STEL: 580 mg/m <sup>3</sup>	TWA: 100 ppm TWA: 572 mg/m <sup>3</sup>	TWA: 100 ppm TWA: 525 mg/m <sup>3</sup>	TWA: 525 mg/m <sup>3</sup>

### **8.2 Appropriate engineering controls**

**Engineering Measures** Ensure adequate ventilation, especially in confined areas.

### **8.3 Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Wear chemical-resistant glasses and/or goggles and a face shield when eye and face contact is possible due to handling and processing of material.

**Skin and body protection** Long sleeved clothing.

**Respiratory protection** Respirator with filter for organic vapor. If these are not sufficient to maintain concentrations of particulates and solvent vapor below the OEL, suitable respiratory protection must be worn.

**Hygiene measures** See section 7 for more information

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>Physical state</b>	Liquid
<b>Appearance</b>	Liquid
<b>Color</b>	Green
<b>Odor</b>	Solvent
<b>Odor Threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Methods</u>
<b>pH</b>		No information available
<b>Melting/freezing point</b>		No information available
<b>Boiling point/boiling range</b>	154 °C / 309 °F	
<b>Flash Point</b>	41 °C / 106 °F	
<b>Evaporation rate</b>	no data available	No information available
<b>Flammability (solid, gas)</b>		No information available
<b>Flammability Limits in Air</b>		
<b>upper flammability limit</b>		No information available
<b>lower flammability limit</b>		No information available
<b>Vapor pressure</b>		No information available
<b>Vapor density</b>		No information available
<b>Specific Gravity</b>	1.05	
<b>Water solubility</b>	Insoluble in water	
<b>Solubility in other solvents</b>		No information available
<b>Partition coefficient</b>		No information available
<b>Autoignition temperature</b>		No information available
<b>Decomposition temperature</b>		No information available
<b>Viscosity, kinematic</b>		No information available
<b>Viscosity, dynamic</b>		No information available
<b>Explosive properties</b>		No information available
<b>Oxidizing Properties</b>		No information available

### 9.2 Other information

**Volatile organic compounds (VOC) content** 383 g/L

## 10. Stability and Reactivity

### 10.1 Reactivity

No dangerous reaction known under conditions of normal use

### 10.2 Chemical stability

Stable

### 10.3 Possibility of hazardous reactions

None under normal processing.

### 10.4 Conditions to Avoid

Heat, flames and sparks.

### 10.5 Incompatible Materials

Strong oxidizing agents.

### 10.6 Hazardous Decomposition Products

Carbon oxides. Nitrogen oxides (NOx).

## 11. Toxicological information

### 11.1 Acute toxicity

#### Numerical measures of toxicity: Product Information

The following values are calculated based on chapter 3.1 of the GHS document

**Unknown Acute Toxicity** 17.0933% of the mixture consists of ingredient(s) of unknown toxicity

**Oral LD50** 11,895.00 mg/kg  
**Dermal LD50** 4,758.00 mg/kg

#### Numerical measures of toxicity: Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Distillates, petroleum, hydrotreated light 64742-47-8	5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 5.2 mg/L ( Rat ) 4 h

### 11.2 Information on toxicological effects

#### Skin corrosion/irritation

##### Product Information

- Irritating to skin

##### Component Information

- No information available

#### Eye damage/irritation

##### Product Information

- Irritating to eyes

##### Component Information

- No information available

#### Respiratory or skin sensitization

##### Product Information

- No information available

##### Component Information

- No information available

#### Germ Cell Mutagenicity

##### Product Information

- No information available

##### Component Information

- No information available

#### Carcinogenicity

##### Product Information

- This product contains <0.1% free formaldehyde and may be capable of outgassing formaldehyde at levels in excess of OSHA's Action Level under some conditions of use. Formaldehyde is a known cancer hazard. Long term exposure may result in dermatitis or respiratory sensitization for sensitive individuals.

##### Component Information

- 

#### Reproductive toxicity

##### Product Information

- No information available

##### Component Information

• No information available

**STOT - single exposure**

No information available

**STOT - repeated exposure**

No information available

**Other adverse effects**Target Organs

• No information available

Product Information

• No information available

Component Information

• No information available

**Aspiration hazard**Product Information

• No information available

Component Information

• No information available

## 12. Ecological information

**12.1 Toxicity****Ecotoxicity**

No information available

< 1 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

**Ecotoxicity effects**

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
Distillates, petroleum, hydrotreated light 64742-47-8	-	LC50: 96 h Pimephales promelas 45 mg/L flow-through LC50: 96 h Lepomis macrochirus 2.2 mg/L static LC50: 96 h Oncorhynchus mykiss 2.4 mg/L static	-

**12.2 Persistence and degradability**

No information available.

**12.3 Bioaccumulative potential**

Discharge into the environment must be avoided

**12.4 Mobility in soil**

No information available.

**12.5 Other adverse effects**

Discharge into the environment must be avoided

## 13. Disposal Considerations

**13.1 Waste Disposal Guidance**

Dispose of in accordance with local regulations.

## 14. Transport Information

**DOT** Not regulated. (If shipped in NON BULK packaging by ground transport)

**MEX** Not regulated no data available

**IMDG**

**Proper shipping name** UN1263, Paint, 3, PGIII  
**Hazard class** 3  
**UN Number** UN1263  
**Packing Group** PGIII

**IATA**

**UN Number** UN1263  
**Proper shipping name** UN1263, Paint, 3, PGIII  
**Proper shipping name** Flammable Liquid, n.o.s. (Mineral Spirits)  
**Hazard class** 3  
**Packing Group** PGIII

## 15. Regulatory information

**15.1 International Inventories**

**TSCA** Complies  
**DSL** Complies  
**EINECS/ELINCS** -  
**ENCS** -  
**IECSC** -  
**KECL** -  
**PICCS** -  
**AICS** -  
**NZIoC** -

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL** - Canadian Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**NZIoC** - New Zealand Inventory of Chemicals

**15.2 U.S. Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**15.3 Pesticide Information**

Not applicable

**15.4 U.S. State Regulations****California Proposition 65**

This product contains the following Proposition 65 chemicals:

Chemical Name	California Prop. 65
Formaldehyde - 50-00-0	Carcinogen



Ethylbenzene - 100-41-4	Carcinogen
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## 16. Other information

<b>NFPA</b>	<b>Health Hazard -</b>	<b>Flammability -</b>	<b>Instability -</b>	<b>Physical and chemical hazards -</b>
<b>HMIS</b>	<b>Health Hazard 2</b>	<b>Flammability 2</b>	<b>Physical Hazard 0</b>	<b>Personal protection X</b>

### Legend:

ACGIH (American Conference of Governmental Industrial Hygienists)  
 Ceiling (C)  
 DOT (Department of Transportation)  
 EPA (Environmental Protection Agency)  
 IARC (International Agency for Research on Cancer)  
 International Air Transport Association (IATA)  
 International Maritime Dangerous Goods (IMDG)  
 NIOSH (National Institute for Occupational Safety and Health)  
 NTP (National Toxicology Program)  
 OSHA (Occupational Safety and Health Administration of the US Department of Labor)  
 PEL (Permissible Exposure Limit)  
 Reportable Quantity (RQ)  
 Skin designation (S\*)  
 STEL (Short Term Exposure Limit)  
 TLV® (Threshold Limit Value)  
 TWA (time-weighted average)

**Prepared By** No information available DayGlo Color Corp.  
 Regulatory Affairs/Product Safety  
**Revision Date** 11-Jun-2015

**Revision Note**  
 No information available

### Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of Safety Data Sheet**