

# SAFETY DATA SHEET



Revision Date 29-May-2015  
Version 2

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

### 1.1 Product identifier

**Product name** GloPrill® Rocket Red™  
**Product code** GPF26

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

**Recommended Use** Colorant for Plastics  
**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) This telephone number is available during office hours only.

**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**

### 2.2 Label elements

This product is not classified.

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

Not Applicable

### 2.4 Other information

Not Applicable

### 3. Composition/Information on Ingredients

#### Substance

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Chemical Name	CAS-No	Weight %
MAGNESIUM OXIDE	1309-48-4	1 - 5
e-Caprolactam	105-60-2	< 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>	No information available.
<b>Eye contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.
<b>Skin contact</b>	Immediate medical attention is not required. Wash off with soap and water.
<b>Inhalation</b>	Immediate medical attention is not required. Move to fresh air.
<b>Ingestion</b>	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 extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** None.

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

##### Special Hazard

None known based on information supplied

**Hazardous Combustion Products** Carbon oxides. Nitrogen oxides (NOx).

##### Explosion Data

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

#### 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

Ensure adequate ventilation, especially in confined areas. Use personal protective equipment.

### 6.2 Environmental precautions

Prevent product from entering drains.

### 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** Sweep up and shovel into suitable containers for disposal. Prevent product from entering drains.

## 7. Handling and storage

### 7.1 Precautions for safe handling

**Advice on safe handling** Wear personal protective equipment.

**Hygiene measures** Handle in accordance with good industrial hygiene and safety practice.

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

**Storage Conditions** Keep tightly closed in a dry and cool place.

**Materials to Avoid** No materials to be especially mentioned.

## 8. Exposure controls/personal protection

### 8.1 Occupational Exposure Limits (OEL)

Chemical Name	ACGIH TLV	OSHA PEL	British Columbia	Alberta	Quebec	Ontario TWAEV
MAGNESIUM OXIDE 1309-48-4	TWA: 10 mg/m <sup>3</sup> inhalable fraction	TWA: 15 mg/m <sup>3</sup> fume, total particulate	TWA: 10 mg/m <sup>3</sup> TWA: 3 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>
e-Caprolactam 105-60-2	TWA: 5 mg/m <sup>3</sup> inhalable fraction and vapor	-	TWA: 1 mg/m <sup>3</sup> STEL: 3 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	TWA: 5 ppm TWA: 23 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup> STEL: 10 ppm STEL: 46 mg/m <sup>3</sup> STEL: 3 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>

### 8.2 Appropriate engineering controls

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems.

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

**Eye/Face Protection** Safety glasses with side-shields.

**Skin and body protection** Wear chemical resistant footwear and clothing such as gloves, an apron or a whole body suit as appropriate.

**Respiratory protection** If irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. NIOSH/MSHA approved respiratory protection should be worn if exposure is

anticipated.

**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>	Solid
<b>Appearance</b>	Pellets
<b>Color</b>	Red
<b>Odor</b>	Mild
<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>	Not applicable	No information available
<b>Flash Point</b>	Not Applicable	No information available
<b>Evaporation rate</b>	Not Applicable	No information available
<b>Flammability (solid, gas)</b>		No information available
<b>Flammability Limits in Air</b>		
upper flammability limit		No information available
lower flammability limit		No information available
<b>Vapor pressure</b>		No information available
<b>Vapor density</b>		No information available
<b>Specific Gravity</b>	1.2	
<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** None

## 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

Dust formation. Take precautionary measures against static discharges.

### 10.5 Incompatible Materials

None known based on information supplied.

**10.6 Hazardous Decomposition Products**

None known based on information supplied.

<b>11. Toxicological information</b>
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**11.1 Acute toxicity****Numerical measures of toxicity: Product Information**

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

<b>Oral LD50</b>	1,967.00 mg/kg
<b>Dermal LD50</b>	16,318.00 mg/kg

**Numerical measures of toxicity: Component Information**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
e-Caprolactam 105-60-2	1210 mg/kg ( Rat )	= 1438 mg/kg ( Rabbit )	= 8.16 mg/L ( Rat ) 4 h

**11.2 Information on toxicological effects****Skin corrosion/irritation**Product Information

- Not a dermal irritant

Component Information

- No information available

**Eye damage/irritation**Product Information

- May cause eye irritation.

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

- Contains no ingredient listed as a carcinogen

Component Information

- 

**Reproductive toxicity**Product Information

- No information available

Component Information

- No information available

**STOT - single exposure**

No information available

**STOT - repeated exposure**

- No known effect

**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

75.575 % of the mixture consists of components(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
e-Caprolactam 105-60-2	EC50: 72 h <i>Desmodesmus subspicatus</i> 130 mg/L EC50: 96 h <i>Desmodesmus subspicatus</i> 160 mg/L EC50: 72 h <i>Pseudokirchneriella subcapitata</i> 4320 - 4800 mg/L	LC50: 96 h <i>Lepomis macrochirus</i> 930 mg/L static LC50: 96 h <i>Pimephales promelas</i> 1400 mg/L static	EC50: 48 h <i>Daphnia magna</i> Straus 500 mg/L EC50: 48 h <i>Daphnia magna</i> 828 - 2920 mg/L

**12.2 Persistence and degradability**

No information available.

**12.3 Bioaccumulative potential**

Discharge into the environment must be avoided

Chemical Name	log Pow
e-Caprolactam 105-60-2	-0.02

**12.4 Mobility in soil**

No information available.

**12.5 Other adverse effects**

No information available

## 13. Disposal Considerations

**13.1 Waste Disposal Guidance**

Dispose of in accordance with federal, state, and local regulations.

## 14. Transport Information

<b>DOT</b>	Not regulated
<b>MEX</b>	Not regulated
<b>IMDG</b>	Not regulated
<b>IATA</b>	Not regulated

## 15. Regulatory information

### 15.1 International Inventories

<b>TSCA</b>	Complies
<b>DSL</b>	-
<b>EINECS/ELINCS</b>	-
<b>ENCS</b>	-
<b>IECSC</b>	-
<b>KECL</b>	-
<b>PICCS</b>	-
<b>AICS</b>	-
<b>NZIoC</b>	-

**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 contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	SARA 313 - Threshold Values %
Resin (Zinc Compound)	1
Resin (Zinc Compound) DAY-PROP-1	1
Copolymer (Zinc Compound)	1.0

### 15.3 Pesticide Information

Not applicable

### 15.4 U.S. State Regulations

## 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 1</b>	<b>Flammability 1</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**

DayGlo Color Corp.  
Regulatory Affairs/Product Safety  
29-May-2015

**Revision Date****Revision Note**

No information available

**Disclaimer**

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**End of Safety Data Sheet**