SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:

Issuing Date: 21-Nov-2019
Revision Date: 21-Nov-2019
Revision Number: 1

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product Name: ROSCO FLUORESCENT RED
Product Code: RF5780
Alternate Product Code: XY6312
Product Class: Water thinned paint
Color: Red
Recommended use: Paint
Restrictions on use: No information available

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Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008
Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

2.2. Label elements

Product Identifier
Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)
Signal word
2.3. Other hazards

General Hazards

No information available

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable

3.2 Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>EINECS/ELINCS No.</th>
<th>CAS No.</th>
<th>Weight-%</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
<th>REACH registration number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene glycol</td>
<td>200-338-0</td>
<td>57-55-6</td>
<td>&gt;=1 - &lt;5</td>
<td>Not available</td>
<td>01-2119456809-23-0224</td>
</tr>
<tr>
<td>Distillates, petroleum, solvent-refined heavy paraffinic</td>
<td>265-090-8</td>
<td>64741-88-4</td>
<td>&gt;=0.1 - &lt;0.3</td>
<td>Repr. 2 (H361) STOT RE 1 (H372) Asp. Tox 1 (H304)</td>
<td>Not available</td>
</tr>
<tr>
<td>2-Methyl-4-isothiazolin-3-one</td>
<td>220-239-6</td>
<td>2682-20-4</td>
<td>&gt;=0.01 - &lt; 0.05</td>
<td>Acute Tox. 3 (H301) Acute Tox. 3 (H311) Skin Corr. 1B (H314) Skin Sens. 1 (H317) Eye Dam. 1 (H318) STOT SE 3 (H335) Aquatic Acute 1 (H400)</td>
<td>Not available</td>
</tr>
</tbody>
</table>

Full text of H- and EUH-phrases: see section 16

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

Description of first aid measures

General Advice

No hazards which require special first aid measures.

Eye Contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Skin Contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

Inhalation

Move to fresh air. If symptoms persist, call a physician.

Ingestion

Clean mouth with water and afterwards drink plenty of
water. Consult a physician if necessary.

4.2. Most important symptoms and effects, both acute and delayed

Most Important Symptoms/Effects

- May cause allergic skin reaction.

4.3. Indication of any immediate medical attention and special treatment needed

Notes To Physician

- Treat symptomatically.

Section 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

- No information available.

5.2. Special hazards arising from the substance or mixture

Specific Hazards Arising From The Chemical

- Closed containers may rupture if exposed to fire or extreme heat.

Sensitivity to static discharge

- No

Sensitivity to mechanical impact

- No

5.3. Advice for firefighters

Protective equipment and precautions for firefighters

- Wear self-contained breathing apparatus and protective suit.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal Precautions

- Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.

Other Information

- Observe all relevant local and international regulations.

6.2. Environmental precautions

Environmental precautions

- Prevent spreading of vapors through sewers, ventilation systems and confined areas.

6.3. Methods and material for containment and cleaning up

Methods for Containment

- Absorb with inert material and place in suitable container for disposal.

Methods for Cleaning Up

- Clean contaminated surface thoroughly.
6.4. Reference to other sections

Other information

See Section 12 for additional information.

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Handling
Avoid contact with skin, eyes and clothing. Avoid breathing vapors, spray mists or sanding dust. In case of insufficient ventilation, wear suitable respiratory equipment.

Hygiene Measures
Wash thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage
Keep container tightly closed. Keep out of the reach of children.

7.3. Specific end use(s)

Specific Uses
Architectural coating. Apply as directed. Refer to product label / literature for specific instructions.

Risk Management Methods (RMM)
Not Applicable.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>European Union</th>
<th>Belgium</th>
<th>Bulgaria</th>
<th>Cyprus</th>
<th>France</th>
<th>Ireland</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene glycol</td>
<td>57-55-6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>-</td>
<td></td>
<td></td>
<td></td>
<td>TWA: 150 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>TWA: 470 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
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<td>TWA: 10 mg/m³</td>
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<td></td>
<td>STEL: 450 ppm</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>STEL: 1410 mg/m³</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>STEL: 30 mg/m³</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Germany</th>
<th>Greece</th>
<th>Hungary</th>
<th>Iceland</th>
<th>Italy</th>
<th>Latvia</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene glycol</td>
<td>57-55-6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>-</td>
<td></td>
<td></td>
<td></td>
<td>TWA: 7 mg/m³</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Lithuania</th>
<th>Netherlands</th>
<th>Poland</th>
<th>Romania</th>
<th>Spain</th>
<th>Sweden</th>
<th>United Kingdom</th>
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<tr>
<td>Propylene glycol</td>
<td>57-55-6</td>
<td>TWA: 7 mg/m³</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>TWA: 150 ppm</td>
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<td></td>
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<td></td>
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<td>TWA: 474 mg/m³</td>
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<td>TWA: 10 mg/m³</td>
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<td></td>
<td>STEL: 450 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>STEL: 1422 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>STEL: 30 mg/m³</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

Occupational exposure controls

Engineering Measures
Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment
Respiratory Protection
In case of insufficient ventilation wear suitable respiratory equipment.

Eye Protection
Safety glasses with side-shields.

Skin Protection
Lightweight protective clothing.

Hand protection
Impervious gloves.

Hygiene Measures
Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks/ Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>liquid</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>little or no odor</td>
<td></td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No information available</td>
<td>None known</td>
</tr>
<tr>
<td>Density (g/L)</td>
<td>1030 - 1078</td>
<td>None known</td>
</tr>
<tr>
<td>Relative Density</td>
<td>1.03 - 1.07</td>
<td>None known</td>
</tr>
<tr>
<td>pH</td>
<td>No information available</td>
<td>None known</td>
</tr>
<tr>
<td>Viscosity (cps)</td>
<td>No information available</td>
<td>None known</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>No information available</td>
<td>None known</td>
</tr>
<tr>
<td>Water solubility</td>
<td>No information available</td>
<td>None known</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No information available</td>
<td>None known</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No information available</td>
<td>None known</td>
</tr>
<tr>
<td>Vapor density</td>
<td>No information available</td>
<td>None known</td>
</tr>
<tr>
<td>Wt. % Solids</td>
<td>20 - 30</td>
<td>None known</td>
</tr>
<tr>
<td>Vol. % Solids</td>
<td>20 - 30</td>
<td>None known</td>
</tr>
<tr>
<td>Wt. % Volatiles</td>
<td>70 - 80</td>
<td>None known</td>
</tr>
<tr>
<td>Vol. % Volatiles</td>
<td>70 - 80</td>
<td>None known</td>
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<td>Boiling Point (°C)</td>
<td>100</td>
<td>None known</td>
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<tr>
<td>Freezing Point (°C)</td>
<td>0</td>
<td>None known</td>
</tr>
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<td>Melting Point (°C)</td>
<td>No information available</td>
<td>None known</td>
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<tr>
<td>Pour Point</td>
<td>No information available</td>
<td>None known</td>
</tr>
<tr>
<td>Flash Point (°C)</td>
<td>Not applicable</td>
<td>None known</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No information available</td>
<td>None known</td>
</tr>
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<td>Upper flammability limit:</td>
<td>No information available</td>
<td>None known</td>
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<td>Lower flammability limit:</td>
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<td>None known</td>
</tr>
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<td>Autoignition Temperature (°C)</td>
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<td>None known</td>
</tr>
<tr>
<td>Decomposition Temperature (°C)</td>
<td>No information available</td>
<td>None known</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>No information available</td>
<td>None known</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No information available</td>
<td>None known</td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>No information available</td>
<td>None known</td>
</tr>
</tbody>
</table>

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity
Reactivity  
Not Applicable.
10.2. Chemical stability

Chemical Stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions

None under normal conditions of use.

10.4. Conditions to avoid

Conditions to avoid

Prevent from freezing.

10.5. Incompatible materials

Incompatible Materials

No materials to be especially mentioned.

10.6. Hazardous decomposition products

Hazardous Decomposition Products

None under normal conditions of use.

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Product Information

Inhalation

There is no data available for this product.

Eye contact

There is no data available for this product.

Skin contact

There is no data available for this product.

Ingestion

There is no data available for this product.

Acute Toxicity

Component Information

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene glycol</td>
<td>= 20 g/kg (Rat)</td>
<td>= 20800 mg/kg (Rabbit)</td>
<td></td>
</tr>
<tr>
<td>Distillates, petroleum, solvent-refined heavy paraffinic 64741-88-4</td>
<td>&gt; 5000 mg/kg (Rat)</td>
<td>&gt; 2000 mg/kg (Rabbit)</td>
<td>= 2.18 mg/L (Rat) 4 h</td>
</tr>
<tr>
<td>2-Methyl-4-isothiazolin-3-one 2682-20-4</td>
<td>232 - 249 mg/kg (Rat) = 120 mg/kg (Rat)</td>
<td>= 200 mg/kg (Rabbit)</td>
<td>= 0.11 mg/L (Rat) 4 h</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation

No information available.

Eye damage/irritation

No information available.

Sensitization

May cause sensitization of susceptible persons.
Mutagenic Effects
No information available.

Carcinogenic Effects
The table below indicates whether each agency has listed any ingredient as a carcinogen.

Legend
IARC - International Agency for Research on Cancer

Reproductive Effects
No information available.

Developmental Effects
No information available.

STOT - single exposure
No information available.

STOT - repeated exposure
No information available.

Neurological Effects
No information available.

Target organ effects
No information available.

Symptoms
No information available.

Aspiration Hazard
No information available.

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity
The environmental impact of this product has not been fully investigated.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene glycol 57-55-6</td>
<td></td>
<td>LC50 41 - 47 mL/L Oncorhynchus mykiss (96 h)</td>
<td>EC50 &gt; 1000 mg/L (48 h)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LC50 = 710 mg/L Pimephales promelas (96 h)</td>
<td>EC50 &gt; 10000 mg/L (24 h)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LC50 = 51600 mg/L Oncorhynchus mykiss (96 h)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>LC50 = 51400 mg/L Pimephales promelas (96 h)</td>
<td></td>
</tr>
<tr>
<td>Distillates, petroleum, solvent-refined heavy paraffinic 64741-88-4</td>
<td>LC50 &gt; 50000 mg/L Oncorhynchus mykiss (96 h)</td>
<td>EC50 &gt; 1000 mg/L (48 h)</td>
<td></td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability
Persistence / Degradability
No information available.

12.3. Bioaccumulative potential
Bioaccumulation
There is no data for this product.

12.4. Mobility in soil
Mobility in soil
No information available.
Mobility in Environmental Media

No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment

No information available.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>PBT and vPvB assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene glycol 57-55-6</td>
<td>The substance is not PBT / vPvB PBT assessment does not apply</td>
</tr>
<tr>
<td>Distillates, petroleum, solvent-refined heavy paraffinic 64741-88-4</td>
<td>The substance is not PBT / vPvB</td>
</tr>
</tbody>
</table>

12.6. Other adverse effects

No information available

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from Residues/Unused Products

Dispose of in accordance with the European Directives on waste and hazardous waste.

Contaminated Packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

EWC waste disposal No

No information available

Other Information

Waste codes should be assigned by the user based on the application for which the product was used.

Section 14: TRANSPORT INFORMATION

IMDG

Not regulated

RID

Not regulated

ADR

Not regulated

ADN

Not regulated

IATA

Not regulated

Section 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Occupational Illnesses (R-463-3, France)

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>French RG number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene glycol 57-55-6</td>
<td>RG 84</td>
</tr>
</tbody>
</table>
European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

International Inventories

<table>
<thead>
<tr>
<th>Inventory</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>AICS</td>
<td>No - Not all of the components are listed.</td>
</tr>
<tr>
<td>DSL: Canada</td>
<td>Yes - All components are listed or exempt.</td>
</tr>
<tr>
<td>EINECS: European Union</td>
<td>No - Not all of the components are listed.</td>
</tr>
<tr>
<td>ENCS</td>
<td>No - Not all of the components are listed.</td>
</tr>
<tr>
<td>IECSC</td>
<td>No - Not all of the components are listed.</td>
</tr>
<tr>
<td>KECL</td>
<td>No - Not all of the components are listed.</td>
</tr>
<tr>
<td>PICCS</td>
<td>No - Not all of the components are listed.</td>
</tr>
<tr>
<td>TSCA: United States</td>
<td>Yes - All components are listed or exempt.</td>
</tr>
</tbody>
</table>

Legend

AICS - Australian Inventory of Chemical Substances
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
IECSC - China Inventory of Existing Chemical Substances
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

15.2. Chemical safety assessment

Chemical Safety Report
No information available

Section 16: OTHER INFORMATION

Full text of H-Statements referred to under section 3
H301 - Toxic if swallowed
H304 - May be fatal if swallowed and enters airways
H311 - Toxic in contact with skin
H314 - Causes severe skin burns and eye damage
H317 - May cause an allergic skin reaction
H318 - Causes serious eye damage
H335 - May cause respiratory irritation
H361 - Suspected of damaging fertility or the unborn child if inhaled
H372 - Causes damage to organs through prolonged or repeated exposure if inhaled
H400 - Very toxic to aquatic life

Classification procedure:
Expert judgment and weight of evidence determination

Key literature references and sources for data
Data from internal and external sources

Prepared By
Product Stewardship Department
Rosco Laboratories Inc.
52 Harbor View Avenue
Stamford, CT 06902, USA
Phone: (203)-708-8900

Issuing Date
21-Nov-2019
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End of Safety Data Sheet