



SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

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Revision Number: 1

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

| | |
|-------------------------------|---------------------------------|
| Product Name | ROSCO FLUORESCENT YELLOW |
| Product Code | RF5782 |
| Alternate Product Code | XY6373 |
| Product Class | Water thinned paint |
| Color | Yellow |
| Recommended use | Paint |
| Restrictions on use | No information available |

Roscolab Limited
Blanchard Works
Kangley Bridge Road
Sydenham
London SE26 5AQ
Phone: +44 (0) 20 8659 2300 (Monday - Friday, 9 am to 5 pm GMT)
Email: info.emea@rosco.com

Rosco Laboratories Inc.
52 Harbor View Avenue
Stamford, CT 06902, USA
Phone: (203)-708-8900
www.rosco.com

Emergency Telephone
CHEMTREC: +1-703-741-5970
CHEMTREC (United Kingdom Local Number): +44-870-8200418

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

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None

EUH208 - Contains (2-Methyl-4-isothiazolin-3-one, 5-Chloro-2-methyl-3(2H)-isothiazolone mixture with 2-methyl-3(2H)-isothiazolone (3:1)). May produce an allergic reaction

EUH210 - Safety data sheet available on request

2.3. Other hazards

General Hazards

No information available

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable

3.2 Mixtures

| Chemical name | EINECS/ELINCS No. | CAS No. | Weight-% | Classification according to Regulation (EC) No. 1272/2008 [CLP] | REACH registration number |
|---------------------------------------------------------------------------------------|-------------------|------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| Propylene glycol | 200-338-0 | 57-55-6 | >=1 - <5 | Not available | 01-2119456809-23-0224 |
| Distillates, petroleum, solvent-refined heavy paraffinic | 265-090-8 | 64741-88-4 | >=0.1 - <0.3 | Repr. 2 (H361) STOT RE 1 (H372) Asp. Tox 1 (H304) | Not available |
| 5-Chloro-2-methyl-3(2H)-isothiazolone mixture with 2-methyl-3(2H)-isothiazolone (3:1) | - | 55965-84-9 | >=0.0001 - <0.0005 | Acute Tox. 3 (H301) Acute Tox. 3 (H311) Skin Corr. 1B (H314) Acute Tox. 3 (H331) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) | Not available |

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.

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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.

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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**

| Chemical name | European Union | Belgium | Bulgaria | Cyprus | France | Ireland | |
|-----------------------------|--------------------------|-------------|----------|---------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Propylene glycol 57-55-6 | - | - | - | - | - | TWA: 150 ppm TWA: 470 mg/m ³ TWA: 10 mg/m ³ STEL: 450 ppm STEL: 1410 mg/m ³ STEL: 30 mg/m ³ | |
| Chemical name | Germany | Greece | Hungary | Iceland | Italy | Latvia | |
| Propylene glycol 57-55-6 | - | - | - | - | - | TWA: 7 mg/m ³ | |
| Chemical name | Lithuania | Netherlands | Poland | Romania | Spain | Sweden | United Kingdom |
| Propylene glycol 57-55-6 | TWA: 7 mg/m ³ | - | - | - | - | - | TWA: 150 ppm TWA: 474 mg/m ³ TWA: 10 mg/m ³ STEL: 450 ppm STEL: 1422 mg/m ³ STEL: 30 mg/m ³ |

8.2. Exposure controls**Occupational exposure controls****Engineering Measures**

Ensure adequate ventilation, especially in confined areas.

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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**

| | |
|-----------------------|--------------------------|
| Appearance | liquid |
| Odor | little or no odor |
| Odor Threshold | No information available |

| <u>Property</u> | <u>Values</u> | <u>Remarks/ Method</u> |
|---------------------------------------|--------------------------|-------------------------------|
| Density (g/L) | 1030 - 1078 | None known |
| Relative Density | 1.03 - 1.07 | |
| pH | No information available | None known |
| Viscosity (cps) | No information available | None known |
| Solubility(ies) | No information available | None known |
| Water solubility | No information available | None known |
| Evaporation Rate | No information available | None known |
| Vapor pressure | No information available | None known |
| Vapor density | No information available | None known |
| Wt. % Solids | 15 - 25 | None known |
| Vol. % Solids | 15 - 25 | None known |
| Wt. % Volatiles | 75 - 85 | None known |
| Vol. % Volatiles | 75 - 85 | None known |
| Boiling Point (°C) | 100 | None known |
| Freezing Point (°C) | 0 | None known |
| Melting Point (°C) | No information available | None known |
| Pour Point | No information available | None known |
| Flash Point (°C) | Not applicable | None known |
| Flammability (solid, gas) | No information available | None known |
| Upper flammability limit: | No information available | None known |
| Lower flammability limit: | No information available | None known |
| Autoignition Temperature (°C) | No information available | None known |
| Decomposition Temperature (°C) | No information available | None known |
| Partition coefficient | No information available | None known |
| Explosive properties | No information available | None known |
| Oxidizing Properties | No information available | None known |

Section 10: STABILITY AND REACTIVITY

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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**

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|------------------------------------------------------------------------------------------------------------|----------------------|--------------------------|-------------------------|
| Propylene glycol 57-55-6 | = 20 g/kg (Rat) | = 20800 mg/kg (Rabbit) | |
| Distillates, petroleum, solvent-refined heavy paraffinic 64741-88-4 | > 5000 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | = 2.18 mg/L (Rat) 4 h |
| 5-Chloro-2-methyl-3(2H)-isothiazolo ne mixture with 2-methyl-3(2H)-isothiazolone (3:1) 55965-84-9 | = 53 mg/kg (Rat) | | |

Skin corrosion/irritation

No information available.

Eye damage/irritation

No information available.

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Sensitization May cause sensitization of susceptible persons.

Mutagenic Effects No information available.

Carcinogenic effects

No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

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

| Chemical name | Algae/aquatic plants | Fish | Crustacea |
|------------------------------------------------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| Propylene glycol 57-55-6 | | LC50 41 - 47 mL/L Oncorhynchus mykiss (96 h) LC50 = 710 mg/L Pimephales promelas (96 h) LC50 = 51600 mg/L Oncorhynchus mykiss (96 h) LC50 = 51400 mg/L Pimephales promelas (96 h) | EC50 > 1000 mg/L (48 h) EC50 > 10000 mg/L (24 h) |
| Distillates, petroleum, solvent-refined heavy paraffinic 64741-88-4 | | LC50 > 5000 mg/L Oncorhynchus mykiss (96 h) | EC50 > 1000 mg/L (48 h) |

12.2. Persistence and degradability

Persistence / Degradability No information available.

12.3. Bioaccumulative potential

Bioaccumulation No information available.

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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.

| Chemical name | PBT and vPvB assessment |
|------------------------------------------------------------------------|---------------------------------------------------------------|
| Propylene glycol 57-55-6 | The substance is not PBT / vPvB PBT assessment does not apply |
| Distillates, petroleum, solvent-refined heavy paraffinic 64741-88-4 | The substance is not PBT / vPvB |

12.6. Other adverse effects

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)

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| Chemical name | French RG number |
|-----------------------------|------------------|
| Propylene glycol 57-55-6 | RG 84 |

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

| | |
|-------------------------------|--------------------------------------------|
| AICS | No - Not all of the components are listed. |
| DSL: Canada | Yes - All components are listed or exempt. |
| EINECS: European Union | No - Not all of the components are listed. |
| ENCS | No - Not all of the components are listed. |
| IECSC | No - Not all of the components are listed. |
| KECL | No - Not all of the components are listed. |
| PICCS | No - Not all of the components are listed. |
| TSCA: United States | Yes - All components are listed or exempt. |

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
 H331 - Toxic if inhaled
 H361 - Suspected of damaging fertility or the unborn child if swallowed
 H372 - Causes damage to organs through prolonged or repeated exposure if inhaled
 H400 - Very toxic to aquatic life
 H410 - Very toxic to aquatic life with long lasting effects

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

RF5782 - ROSCO FLUORESCENT YELLOW

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Stamford, CT 06902, USA
Phone: (203)-708-8900

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Revision Summary

Change to Format

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End of Safety Data Sheet