



**Material safety data sheet**  
According to EU Regulation 1907/2006 in the current version  
**Green Soap Color**

**1. Identification of the substance/mixture and company**

Trade name:	Green Soap Color
INCI	Dispersion of green pigment in a water/glycerin mixture
CAS No. :	CI 74260, Glycerin, Aqua, Sodium laureth sulfate
EINESCS/EC No. :	1328-53-6, 56-81-5, 7732-18-5, 9004-82-4
REACH pre-registration No. :	215-524-7, 200-289-5, 231-791-2, -
Utilization:	-
Supplier company identification:	Raw material for cosmetic or professional use
Emergency:	<b>Elemental SRL</b> , Piața Cazărmii no.15, 410188-Oradea, jud.Bihor, Romania Tel/Fax: +40259-436.755, www.elemental.eu RO: număr național pentru cazuri de urgență: 021 3183606 Institutul de Sănătate Publică București. International emergency number: +49 180 2273-112

**2. Hazards Identification**

**2.1 Classification of the substance or mixture**

Adverse physico-chemical, human health and environmental effects:  
No other hazards.

**2.2 Label elements**

Eye Irrit. 2 Causes serious eye irritation.

**Regulation (EC) No 1272/2008 (CLP):**



**Pictograms and Signal Words**

Warning

**Hazard statements**

H319 Causes serious eye irritation.

**Precautionary statements**

P264 Wash contact areas thoroughly after handling.

**Special provisions according to Annex XVII of REACH and subsequent amendments:**

None

**2.3 Other hazards**

Other Hazards: No other hazards

**Hazards not otherwise classified identified during the classification process**

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.



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No PBT Ingredients are present

### 3. Declaration of ingredients

#### 3.1 Substances

Not applicable

#### 3.2 Mixtures

Chemical nature: Blend based on: n-Alkane, C11-C13

Hazardous ingredients (GHS) According to UN GHS criteria

Substance	CAS	EINECS/EC	Hazard symbols	Percent %
n-Alkane C11 – C13	-	-	Asp. Tox. 1 Flam. Liq. 4 H227, H304	>= 70

For the classifications not written out in full in this section the full text can be found in section 16.

### 4. First aid measures

#### 4.1 Description of first aid measures

**In case of skin contact:** Immediately take off all contaminated clothing and shoes. Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap. Wash thoroughly the body (shower or bath). Immediately remove any contaminated clothing, shoes or stockings. After contact with skin, wash immediately with soap and plenty of water.

**In case of eye contact:** Wash immediately and thoroughly with running water, keeping eyelids regularly raised, for at least 15 minutes. Cold water may be used. Check for and remove any contact lenses at once. OBTAIN A MEDICAL EXAMINATION. Protect the eyes with a sterile gauze or a clean, dry handkerchief.

**In case of ingestion:** Do not induce vomiting, get medical attention showing the MSDS and label hazardous. If symptoms persist consult doctor.

**In case of inhalation:** Remove casualty to fresh air and keep warm and at rest.

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

Eye irritation

Eye damages

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).



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#### 5. Fire fighting measures

##### 5.1 Extinguishing media

Suitable extinguishing media: Water, CO<sub>2</sub>, foam, chemical powders, according to the materials involved in the fire.

In case of fire, use foam, dry chemical, CO<sub>2</sub>.

Unsuitable extinguishing media: None in particular.

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

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

##### 5.3 Advice for fire-fighters

Use suitable breathing apparatus.

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

#### 6. Accidental release measures

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

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

##### 6.2 Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose of it following local legislation.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities if required.

Suitable material for taking up: dry and inert absorbing material (e.g. vermiculite, sand, earth).

##### 6.3 Methods and material for containment and cleaning up

Suitable material for taking up: dry and inert absorbing material (e.g. vermiculite, sand, earth).

Wash with plenty of water.

##### 6.4 Reference to other sections

See also section 8 and 13.

#### 7. Handling and storage

##### 7.1 Precautions for safe handling:

Avoid contact with skin and eyes, inhalation of vapors and mists.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.



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See also section 8 for recommended protective equipment.

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

Store in a tightly closed container in a cool, dry, well-ventilated area.

Incompatible materials: None in particular.

Instructions as regards storage premises: Adequately ventilated premises.

#### 7.3 Specific end use(s)

Recommendation(s)

Storage temperature: 5-30°C

Industrial sector specific solutions:

None in particular.

### 8. Exposure controls / personal protection

#### 8.1 Control parameters

##### Community Occupational Exposure Limits (OEL)

Component	OEL Type	Country	Long Term mg/m <sup>3</sup>	Long Term ppm	Short Term mg/m <sup>3</sup>	Short Term ppm	Notes
SODIUM O- PHENYLPHENOL	MAK	Germany	2				
	NATIONAL	Germany	2				

#### 8.2 Exposure controls

Eye/face protection: Eye glasses with side protection.

Skin protection: Chemical protection clothing.

Hand protection: NBR (nitrile rubber).

Respiratory protection: Filtering Half-face mask (DIN EN 149).

#### 8.3 Hygienic and Technical measures

Not Available

### 9. Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

Physical State Liquid

Appearance: Liquid, Green

Odor: Odorless

Odor threshold: Not Available

pH: 8.00

Melting point/ range: Not Available

Boiling point/ range: Not Available

Flash point: Not Established

Evaporation rate: Not Available



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Upper/lower flammability or explosive limits: Not Available  
Vapor density: Not Available  
Vapor pressure (20°C): Not Available  
Density (20°C): Not Available  
Water solubility: Dispersible  
Lipid solubility: Insoluble  
Partition coefficient (n-octanol/water): Not Available  
Auto-ignition temperature: Not Available  
Decomposition temperature: Not Available  
Viscosity (20°C): Not Available  
Explosive properties: Not Available  
Oxidising properties: Not Available  
Flammability (Solid, Gas): Not Available  
Volatile Organic compounds - VOCs = Not Available

**9.2 Other information**

Substance group relevant properties: Not Available  
Miscibility: Not Available  
Conductivity: Not Available

**10. Stability and reactivity**

**10.1 Reactivity**

Stable under normal conditions.

**10.2 Chemical stability**

Data not Available.

**10.3 Possibility of hazardous reactions**

Burning produces carbon monoxide and/or carbon dioxide.

**10.4 Conditions to avoid**

Stable under normal conditions of temperature and pressure.

**10.5 Incompatible materials**

Avoid strong oxidizing agents, peroxides, acids, alkali metals.

**10.6 Hazardous decomposition products**

Burning produces carbon monoxide and/or carbon dioxide.

**11. Toxicological information**

**11.1 Information on toxicological effects**

Toxicological Information:  
According to data published in literature



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**Toxicological Information of the Preparation**

a) acute toxicity	LD50 > 10.00000 g/kg
b) skin corrosion/irritation	Skin Irritant Slightly irritant
c) serious eye damage/irritation	Eye Irritant Slightly irritant

**Toxicological information on main components of the mixture:**

**POLY(OXY-1,2-ETHANEDIYL)-ALPHA-SULFO-OMEGA-(DODECYLOXY)-SODIUM SALT**

a) acute toxicity	LD50 Oral Rat = 4100.00000 mg/kg LD50 Skin Rat > 2000.00000 mg/kg 24h
b) skin corrosion/irritation	Skin Irritant Rabbit Yes 4h 4 h duration 21 days observation
c) serious eye damage/irritation	Eye Irritant Rabbit Yes 24h 24h duration 14 days observation

**SODIUM O-PHENYLPHENOL**

a) acute toxicity	LD50 Oral Rat = 1000 mg/kg
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**If not differently specified, the information required in Regulation (EU)2015/830 listed below must be considered as N.A.**

- a) acute toxicity
- b) skin corrosion/irritation
- c) serious eye damage/irritation
- d) respiratory or skin sensitisation
- e) germ cell mutagenicity
- f) carcinogenicity
- g) reproductive toxicity
- h) STOT-single exposure
- i) STOT-repeated exposure
- j) aspiration hazard

**12. Ecological information**

**12.1 Toxicity**

Adopt good working practices, so that the product is not released into the environment.

Eco-toxicity:

**List of Eco-Toxicological properties of the components**

Quantity	Component	Ident. Numb.	Ecotox Data
7-10 %	POLY(OXY-1,2-ETHANEDIYL), .ALPHA.-SULFO-.OMEGA. -(DODECYLOXY)-, SODIUM SALT	CAS: 68891-38-3 - 67-548-EC: 500-234-8	a) Aquatic acute toxicity : LC50 Fish Danio rerio = 7.10000 mg/l 96h OECD 203  a) Aquatic acute toxicity : EC50 Daphnia Daphnia magna = 7.20000 mg/l 48h OECD 202 a) Aquatic acute toxicity : EC50 Algae Scenedesmus subspicatus = 27.00000 mg/l 72h OECD 201

**12.2 Persistence and degradability**



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Not Available

**12.3 Bioaccumulative potential**

Not Available

**12.4 Mobility in soil**

Not Available

**12.5 Results of PBT and vPvB assessment**

No PBT Ingredients are present

**12.6 Other adverse effects**

Not Available

**13. Disposal considerations**

**13.1 Waste treatment methods**

Recover if possible. In so doing, comply with the local and national regulations currently in force.

**14. Transport information**

**14.1 UN number**

N/A

**14.2 UN proper shipping name**

ADR-Shipping Name: N/A

IATA-Technical name: N/A

IMDG-Technical name: N/A

**14.3 Transport hazard class(es)**

ADR-Class: N/A

IATA-Class: N/A

IMDG-Class: N/A

**14.4 Packing Group**

ADR-Packing Group: N/A

IATA-Packing group: N/A

IMDG-Packing group: N/A

**14.5 Environmental hazards**

Toxic Ingredients Qty: 0.00

High Toxicity Ingredients Qty: 0.00

Marine pollutant: No

Environmental Pollutant: No



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**14.6 Special Precautions for User**

Road and Rail (ADR-RID):

ADR-Label: N/A

ADR-Upper number: N/A

ADR-Special Provisions: N/A

ADR-Transport category (Tunnel restriction code): N/A

Air (IATA):

IATA-Passenger Aircraft: N/A

IATA-Cargo Aircraft: N/A

IATA-Label: N/A

IATA-Sub Risk: N/A

IATA-Erg: N/A

IATA-Special Provisioning: N/A

Sea (IMDG):

IMDG-Stowage Code: N/A

IMDG-Stowage Note: N/A

IMDG-Sub Risk: N/A

IMDG-Special Provisioning: N/A

IMDG-Page: N/A

IMDG-Label: N/A

IMDG-EMS: N/A

IMDG-MFAG: N/A

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not Available

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**15. Regulatory information**

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

Dir. 98/24/EC (Risks related to chemical agents at work)

Dir. 2000/39/EC (Occupational exposure limit values)

Regulation (EC) n. 1907/2006 (REACH)

Regulation (EC) n. 1272/2008 (CLP)

Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013

Regulation (EU) n. 286/2011 (ATP 2 CLP)

Regulation (EU) n. 618/2012 (ATP 3 CLP)

Regulation (EU) n. 487/2013 (ATP 4 CLP)

Regulation (EU) n. 944/2013 (ATP 5 CLP)

Regulation (EU) n. 605/2014 (ATP 6 CLP)

Regulation (EU) n. 453/2010 (Annex II)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product: 3





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Restrictions related to the substances contained: None

Provisions related to directive EU 2012/18 (Seveso III):  
Not Available

German Water Hazard Class.  
Not Available

SVHC Substances:  
No data Available

**15.2 Chemical Safety Assessment**  
Chemical Safety Assessment: No

## 16. Additional information

### 16.1 Other information

#### Code Description

H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.  
H400 Very toxic to aquatic life.  
H412 Harmful to aquatic life with long lasting effects.

#### Code Hazard class and hazard category Description

3.1/4/Oral Acute Tox. 4 Acute toxicity (oral), Category 4  
3.2/2 Skin Irrit. 2 Skin irritation, Category 2  
3.3/1 Eye Dam. 1 Serious eye damage, Category 1  
3.3/2 Eye Irrit. 2 Eye irritation, Category 2  
3.8/3 STOT SE 3 Specific target organ toxicity — single exposure, Category 3  
4.1/A1 Aquatic Acute 1 Acute aquatic hazard, category 1  
4.1/C3 Aquatic Chronic 3 Chronic (long term) aquatic hazard, category 3

#### Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

**Classification according to Regulation (EC) Nr. 1272/2008**  
3.3/2

**Classification procedure**  
Calculation method

#### Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities  
SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold



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**16.2 Abbreviations:**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.  
CAS: Chemical Abstracts Service (division of the American Chemical Society).  
CLP: Classification, Labeling, Packaging.  
DNEL: Derived No Effect Level.  
EINECS: European Inventory of Existing Commercial Chemical Substances.  
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.  
IATA: International Air Transport Association.  
IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).  
ICAO: International Civil Aviation Organization.  
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).  
IMDG: International Maritime Code for Dangerous Goods.  
INCI: International Nomenclature of Cosmetic Ingredients.  
LTE: Long-term exposure.  
PNEC: Predicted No Effect Concentration.  
RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.  
STE: Short-term exposure.  
STEL: Short Term Exposure limit.  
STOT: Specific Target Organ Toxicity.

**Disclaimer:**

This material safety data sheet does not constitute a guarantee of the properties of the product and is not a contractual legal report. The information is given in good faith on the basis of our best knowledge of the product at the indicated time. However, we cannot accept responsibility or liability for any consequences arising from its use, no warranty for correctness and completeness is given. We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.