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BLUE SOAP COLOUR

1. Identification of the substance/mixture and company

Trade name:	Blue soap colour
I.N.C.I.	CI 74160, Glycerin, Aqua, Sodium laureth sulfate, Phenoxyethanol
CAS No. :	147-14-8, 56-81-5, 7732-18-5, 68891-38-3
EC No. :	205-685-1, 200-289-5, 231-791-2, 500-234-8
Utilization:	Cosmetic ingredient
Supplier company identification:	Elemental SRL, Piața Cazărmii no.15, 410188-Oradea, jud.Bihor, Romania Tel/Fax: +40259-436.755, www.elemental.eu
Emergency:	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

Eye Irrit. 2 Causes serious eye irritation.
Adverse physicochemical, human health and environmental effects:
No other hazards

2.2 Label elements

Regulation (EC) No 1272/2008 (CLP):
Pictograms and Signal Words

Hazard pictograms:

Hazard statement:

H319 Causes serious eye irritation.

Precautionary statements
P264 Wash contact areas thoroughly after handling.
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.

Special provisions according to Annex XVII of REACH and subsequent amendments:
None

2.3 Other hazards
No PBT Ingredients are present
Other Hazards: No other hazards
Hazards not otherwise classified identified during the classification process

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3. Declaration of ingredients

3.1. Substances
Not available

3.2. Mixtures
Not concerned

Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Numb.	Classification	Registration Number
5-7 %	Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-(dodecyloxy)-, sodium salt	CAS:68891-38-3 EC:500-234-8	Skin Irrit. 2, H315; Aquatic Chronic 3, H412; Eye Dam. 1, H318	01-2119488639-16-XXXX
0.5-1 %	2-phenoxyethanol	CAS:122-99-6 EC:204-589-7 Index:603-098-00-9	Acute Tox. 4, H302; Eye Irrit. 2, H319	01-2119488943-21-XXXX

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 damage

4.3 Indication to consult a physician immediately or any special treatments
In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

5. Fire fighting measures

5.1 Means of extinction

Suitable extinguishing media:
Water, CO2, foam, chemical powders, according to the materials involved in the fire.
In case of fire, use foam, dry chemical, CO2.
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 Recommendations 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 devices 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 materials for containment and remediation
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 vapours 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.
Contamined clothing should be changed before entering eating areas.
Do not eat or drink while working.
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 uses
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/m3	Long Term ppm	Short Term mg/m3	Short Term ppm
Phenoxyethanol	MAK	Germany	110	20		
	NATIONAL	Germany			220	40
	NATIONAL	Finland	110	20	290	50
	NATIONAL	Germany	110	200		
	NATIONAL	Poland	230			

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).
Hygienic and Technical measures

9. Physical and chemical properties

9.1 Information on physical and chemical properties
Physical State Liquid
Appearance: Paste or puree, Blue
Odour: Characteristic
Odour threshold: Not Available
pH: 6.00
Melting point/ range: Not Available
Boiling point/ range: 100 °C (212 °F)
Flash point: Not Established
Evaporation rate: Not Available
Upper/lower flammability or explosive limits: Not Available
Vapour density: Not Available
Vapour pressure (20°C): Not Available
Density (20°C): Not Available
Water solubility: Miscible
Lipid solubility: Not Available
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 Responsiveness
Stable under normal conditions.

10.2 Chemical stability
Data not Available.

10.3 Possibility of dangerous 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

Blue colourant	a) acute toxicity	ATE Oral > 2000.00000 mg/kg
	b) skin corrosion/irritation	Skin Irritant Slightly irritant
	c) serious eye damage/irritation	Eye Irritant Yes

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.

12.2 Persistence and degradability

Component	Persistence/Degradability:
2-phenoxyethanol	Biodegradable

12.3 Bioaccumulation potential

Component	Bioaccumulation
2-phenoxyethanol	Not bioaccumulative

12.4 Ground mobility

Component	Mobility in soil
2-phenoxyethanol	Not mobile

12.5 Results of PBT and vPvB assessment
No PBT Ingredients are present

12.6 Other adverse effects
No data 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

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

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IMDG-MFAG: N/A

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not Available

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: None
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: Not Available

15.2 Chemical Safety Assessment
Chemical Safety Assessment: No

16. Additional information

16.1 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.

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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.
ACGIH: American Conference of Governmental Industrial Hygienists
AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ATE: Acute Toxicity Estimate
ATEmix: Acute toxicity estimate of the mixture
BCF: Biological Concentration Factor
BEI: Biological Exposure Index
BOD: Biochemical Oxygen Demand
CAV: Poison Center
CE: European Community
CLP: Classification, Labeling, Packaging.
COD: Chemical Oxygen Demand
COV: Volatile Organic Compound
CSA: Chemical Safety Assessment
CSR: Chemical Safety Report
DMEL: Derived Minimal Effect Level
DPD: Dangerous Preparations Directive
DSD: Dangerous Substances Directive
EC50: Half Maximal Effective Concentration
ECHA: European Chemicals Agency
ES: Exposure Scenario
IARC: International Agency for Research on Cancer
IC50: half maximal inhibitory concentration
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IRCCS: Scientific Institute for Research, Hospitalization and Health Care
KAFH: KAFH
LDLo: Leathal Dose Low
N.A.: Not Applicable
N/A: Not Applicable
N/D: Not defined/ Not available
NA: Not available
NIOSH: National Institute for Occupational Safety and Health
NOAEL: No Observed Adverse Effect Level
OSHA: Occupational Safety and Health Administration.
PBT: Persistent, Bioaccumulative and Toxic
PGK: Packaging Instruction
PSG: Passengers
vPvB: Very Persistent, Very Bioaccumulative.
KSt: Explosion coefficient.
Code Description
H302 Harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects.

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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
4.1/C3 Aquatic Chronic 3 Chronic (long term) aquatic hazard, category 3

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.

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