

**Safety data sheet
according to 1907/2006/EC, Article 31**

Printing date 12.01.2022

Version number 2.0 (replaces version 1.0)

Revision: 12.01.2022

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
 - **Trade name:** Bobini Baby Hypoallergenic washing powder COLOR for nappies, baby and children's clothes
 - **UFI:** 19QN-9YU4-4476-G4AN
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
 - **Application of the substance / the mixture:** Detergents
 - **Uses advised against:** No further relevant information available.
- **1.3 Details of the supplier of the safety data sheet**
 - **Manufacturer/Supplier:**
Global Cosmed Group S.A.
ul. Kuziennicza 15
59-400 Jawor, Poland
Tel. +48 76 870 30 31; Fax +48 76 870 32 63

ul. Wielkopolska 3
26-600 Radom, Poland
Tel. +48 48 384 58 01
bobini@globalcosmed.eu
www.bobini.pl
www.globalcosmed.eu
- **1.4 Emergency telephone number:**
+48 76 870 30 31 (Mo. to Fr. 8:00 - 16:00) or 112
+48 48 384 58 01 (Mo. to Fr. 8:00 - 17:00) or 112

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
 - **Classification according to Regulation (EC) No 1272/2008**



Eye Irrit. 2 H319 Causes serious eye irritation.

- **2.2 Label elements**
 - **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the CLP regulation.
 - **Hazard pictograms**



- **Signal word** Warning
- **Hazard statements**
H319 Causes serious eye irritation.
- **Precautionary statements**
 - P101 If medical advice is needed, have product container or label at hand.
 - P102 Keep out of reach of children.
 - P264 Wash hands thoroughly after handling.

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P280 Wear eye 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.

· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

· **3.2 Mixtures**

· **Description:** Mixture: consisting of the following components.

· **Dangerous components:**

| | | |
|---|--|-----------|
| CAS: 497-19-8 EINECS: 207-838-8 Index number: 011-005-00-2 Reg.nr.: 01-2119485498-19 | SODIUM CARBONATE (Sodium carbonate) ⚠ Eye Irrit. 2, H319 | ≥15- <30% |
| CAS: 68411-30-3 EINECS: 270-115-0 Reg.nr.: 01-2119489428-22 | SODIUM DODECYLBENZENESULFONATE (Benzenesulfonic acid C10-13-alkyl derivatives, sodium salts) ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Aquatic Chronic 3, H412 | ≥5- <10% |
| CAS: 160901-19-9 EC number: 931-954-4 Reg.nr.: 01-2119490233-42 | C12-13 PARETH-7 (Alcohols C12-13 branched and linear, ethoxylated) ⚠ Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302; Aquatic Chronic 3, H412 Specific concentration limits: Eye Dam. 1; H318: C ≥ 10 % Eye Irrit. 2; H319: 1 % ≤ C < 10 % | ≥1- <2.5% |
| CAS: 77-92-9 EINECS: 201-069-1 Reg.nr.: 01-2119457026-42 | citric acid ⚠ Eye Irrit. 2, H319; STOT SE 3, H335 | ≥1- <5% |
| CAS: 1344-09-8 EINECS: 215-687-4 Reg.nr.: 01-2119448725-31 | SODIUM SILICATE (Silicic acid, sodium salt) ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335 | ≥1- <5% |

· **Regulation (EC) No 648/2004 on detergents / Labelling for contents**

| | |
|---|-----------|
| zeolites, anionic surfactants | ≥5 - <15% |
| non-ionic surfactants, polycarboxylates, soap, phosphonates | <5% |
| perfumes | |

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· **4.1 Description of first aid measures**

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

· **After skin contact:** Rinse with warm water.

· **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

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- **After swallowing:** *If symptoms persist consult doctor.*
- **4.2 Most important symptoms and effects, both acute and delayed** *No further relevant information available.*
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
Use fire extinguishing methods suitable to surrounding conditions.
Water spray
- **5.2 Special hazards arising from the substance or mixture** *No further relevant information available.*
- **5.3 Advice for firefighters**
- **Protective equipment:** *No special measures required.*

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Avoid skin and eye contact.
Slipping hazard due to leaking product.
- **6.2 Environmental precautions:** *Do not allow to enter sewers/ surface or ground water.*
- **6.3 Methods and material for containment and cleaning up:** *Pick up mechanically.*
- **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
No special measures required.
Keep away from frost and heat.
- **Information about fire - and explosion protection:** *No special measures required.*
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** *Store only in the original receptacle.*
- **Information about storage in one common storage facility:** *Not required.*
- **Further information about storage conditions:**
Keep container tightly sealed.
Store and transport uprightly.
- **Storage class:** *11*
- **7.3 Specific end use(s)**
The product is a detergent for household cleaning. Observe the warnings and instructions on the packaging.

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SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **DNELs**

497-19-8 SODIUM CARBONATE (Sodium carbonate)

| | | |
|------------|---|---------------------------------|
| Inhalative | DNEL - long-term, inhaled, local effect | 10 mg/m ³ (worker) |
| | | 10 mg/m ³ (consumer) |

68411-30-3 SODIUM DODECYLBENZENESULFONATE (Benzenesulfonic acid C10-13-alkyl derivatives, sodium salts)

| | | |
|------------|--|--------------------------------|
| Oral | DNEL - long-term, oral, systemic effect | 0.85 mg/kg (consumer) |
| Dermal | DNEL - long-term, dermal, systemic effect | 170 mg/kg (worker) |
| | | 85 mg/kg (consumer) |
| Inhalative | DNEL - long-term, inhaled, systemic effect | 12 mg/m ³ (worker) |
| | | 3 mg/m ³ (consumer) |

160901-19-9 C12-13 PARETH-7 (Alcohols C12-13 branched and linear, ethoxylated)

| | | |
|------------|--|---------------------------------|
| Oral | DNEL - long-term, oral, systemic effect | 25 mg/kg (consumer) |
| Dermal | DNEL - long-term, dermal, systemic effect | 2,080 mg/kg (worker) |
| | | 1,250 mg/kg (consumer) |
| Inhalative | DNEL - long-term, inhaled, systemic effect | 294 mg/m ³ (worker) |
| | | 87 mg/m ³ (consumer) |

· **PNECs**

68411-30-3 SODIUM DODECYLBENZENESULFONATE (Benzenesulfonic acid C10-13-alkyl derivatives, sodium salts)

| | |
|------------------------------|-----------|
| PNEC water (fresh water) | 268 µg/l |
| PNEC water (marine water) | 26.8 µg/l |
| PNEC water (intermittent) | 16.7 µg/l |
| PNEC sediment (fresh water) | 8.1 mg/kg |
| PNEC sediment (marine water) | 6.8 mg/kg |
| PNEC (soil) | 35 mg/kg |
| PNEC (sewage plant) | 3.43 mg/l |

160901-19-9 C12-13 PARETH-7 (Alcohols C12-13 branched and linear, ethoxylated)

| | |
|------------------------------|-------------|
| PNEC water (fresh water) | 80 µg/l |
| PNEC water (marine water) | 8 µg/l |
| PNEC water (intermittent) | 0.28 µg/l |
| PNEC sediment (fresh water) | 63.83 mg/kg |
| PNEC sediment (marine water) | 6.38 mg/kg |
| PNEC (soil) | 1 mg/kg |
| PNEC (sewage plant) | 10,000 mg/l |

· **Additional information:** The lists valid during the making were used as basis.

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- **8.2 Exposure controls**
- **Appropriate engineering controls** No further relevant information available.
- **Individual protection measures, such as personal protective equipment**
- **Respiratory protection:** Not required.
- **Hand protection**



Protective gloves

Due to missing tests, it is not possible to give exact information about the glove material for the product. Recommended is therefore:

Only use chemical-protective gloves with CE-labelling of category III.

- **Material of gloves**

Recommended for contact with the product are protective gloves of chemical protection category III made of special nitrile (material thickness > 0.1 mm). Protective gloves should be tested for workplace specific suitability (e.g. mechanical and thermal resistance, antistatic, etc.). For first signs of wear, the protective gloves must be replaced immediately.

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

Penetration time > 480 minutes recommended. Named penetration times can be significantly shorter in practice.

- **Eyeface protection**



Tightly sealed goggles

- **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

- **Environmental exposure controls**

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**

- **General Information**

- | | |
|--|-----------------|
| · Physical state | Solid |
| · Colour: | White |
| · Odour: | Mild |
| · Odour threshold: | Not determined. |
| · Melting point/freezing point: | Undetermined. |

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| | |
|---|------------------------------|
| · Boiling point or initial boiling point and boiling range | Undetermined. |
| · Flammability | Not determined. |
| · Lower and upper explosion limit | |
| · Lower: | Not determined. |
| · Upper: | Not determined. |
| · Flash point: | Not applicable. |
| · Auto-ignition temperature: | Product is not selfigniting. |
| · Decomposition temperature: | Not determined. |
| · pH at 20 °C | 9-11 (10%) |
| · Viscosity: | |
| · Kinematic viscosity | Not applicable. |
| · Dynamic: | Not applicable. |
| · Solubility | |
| · water: | Soluble. |
| · Partition coefficient n-octanol/water (log value) | Not determined. |
| · Vapour pressure: | Not applicable. |
| · Density and/or relative density | |
| · Density: | Not determined. |
| · Relative density | Not determined. |
| · Bulk density: | 545-705 kg/m ³ |
| · Vapour density | Not applicable. |
| · Particle characteristics | See item 3. |

9.2 Other information

| | |
|--|---|
| · Appearance: | |
| · Form: | Powder |
| · Important information on protection of health and environment, and on safety. | |
| · Explosive properties: | Product does not present an explosion hazard. |
| · Solvent content: | |
| · Organic solvents: | 0.0 % |
| · Water: | 3.5 % |
| · Solids content: | >96.0 % |
| · Change in condition | |
| · Evaporation rate | Not applicable. |

Information with regard to physical hazard classes

| | |
|--|------|
| · Explosives | Void |
| · Flammable gases | Void |
| · Aerosols | Void |
| · Oxidising gases | Void |
| · Gases under pressure | Void |
| · Flammable liquids | Void |
| · Flammable solids | Void |
| · Self-reactive substances and mixtures | Void |
| · Pyrophoric liquids | Void |
| · Pyrophoric solids | Void |
| · Self-heating substances and mixtures | Void |
| · Substances and mixtures, which emit flammable gases in contact with water | Void |
| · Oxidising liquids | Void |
| · Oxidising solids | Void |

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- | | |
|----------------------------------|------|
| · Organic peroxides | Void |
| · Corrosive to metals | Void |
| · Desensitised explosives | Void |

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability** Product is stable.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** Keep away from frost and heat.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· **LD/LC50 values relevant for classification:**

ATE (Acute Toxicity Estimates)

| | | |
|------|------|---------------------------|
| Oral | LD50 | >7,478-13,472 mg/kg (rat) |
|------|------|---------------------------|

497-19-8 SODIUM CARBONATE (Sodium carbonate)

| | | |
|------|------|-------------------|
| Oral | LD50 | 2,800 mg/kg (rat) |
|------|------|-------------------|

| | | |
|--------|------|-----------------------|
| Dermal | LD50 | >2,000 mg/kg (rabbit) |
|--------|------|-----------------------|

68411-30-3 SODIUM DODECYLBENZENESULFONATE (Benzenesulfonic acid C10-13-alkyl derivatives, sodium salts)

| | | |
|------|------|-------------------|
| Oral | LD50 | 1,020 mg/kg (rat) |
|------|------|-------------------|

| | | |
|--------|------|--------------------|
| Dermal | LD50 | >2,000 mg/kg (rat) |
|--------|------|--------------------|

160901-19-9 C12-13 PARETH-7 (Alcohols C12-13 branched and linear, ethoxylated)

| | | |
|------|------|------------------------|
| Oral | LD50 | >300-2,000 mg/kg (rat) |
|------|------|------------------------|

| | | |
|--------|------|-----------------------|
| Dermal | LD50 | >2,000 mg/kg (rabbit) |
|--------|------|-----------------------|

77-92-9 citric acid

| | | |
|------|------|---------------------|
| Oral | LD50 | 5,040 mg/kg (mouse) |
|------|------|---------------------|

| | | |
|--|--|-------------------|
| | | 6,730 mg/kg (rat) |
|--|--|-------------------|

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Causes serious eye irritation.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity**
Based on available data, the classification criteria are not met.

68411-30-3 SODIUM DODECYLBENZENESULFONATE (Benzenesulfonic acid C10-13-alkyl derivatives, sodium salts)

| | |
|-------|----------------------------|
| NOAEL | 125 mg/kg bw/d /28 d (rat) |
|-------|----------------------------|

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- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.
- **11.2 Information on other hazards**

· **Endocrine disrupting properties**

118-58-1 benzyl salicylate

List II

SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:**

497-19-8 SODIUM CARBONATE (Sodium carbonate)

| | |
|-----------------------------------|---|
| Toxicity (fish): LC50 | 300-500 mg/l, 96 h (<i>Lepomis macrochirus</i>) (OECD TG 203) |
| Toxicity (<i>Daphnia</i>): EC50 | 200-227 mg/l, 48 h (<i>Ceriodophnia</i> sp.) (OECD TG 202) |

68411-30-3 SODIUM DODECYLBENZENESULFONATE (Benzenesulfonic acid C10-13-alkyl derivatives, sodium salts)

| | |
|-----------------------------------|--|
| Toxicity (fish): LC50 | 1.67 mg/l, 96 h (<i>Lepomis macrochirus</i>) (OECD TG 203) |
| Toxicity chronic (fish): NOEC | >0.43-0.89 mg/l, 28 d (<i>Oncorhynchus mykiss</i>) (OECD 210) 1 mg/l, 28 d (<i>Lepomis macrochirus</i>) (OECD TG 204) |
| Toxicity (<i>Daphnia</i>): EC50 | 2.9 mg/l, 48 h (<i>Daphnia magna</i>) (OECD TG 202) |
| Toxicity (Algae): EC50 | 127.9 mg/l, 72 h (<i>Desmodesmus subspicatus</i>) |
| Toxicity chronic (Algae): NOEC | 2.4 mg/l, 72 h (<i>Desmodesmus subspicatus</i>) |

160901-19-9 C12-13 PARETH-7 (Alcohols C12-13 branched and linear, ethoxylated)

| | |
|-----------------------------------|---|
| Toxicity (fish): LC50 | >1-10 mg/l, 96 h (<i>Cyprinus carpio</i>) (OECD TG 203) |
| Toxicity (<i>Daphnia</i>): EC50 | >1-10 mg/l, 48 h (<i>Daphnia magna</i>) (OECD TG 202) |
| Toxicity (Algae): EC50 | >1-10 mg/l, 72 h (<i>Desmodesmus subspicatus</i>) (OECD TG 201) |

· **12.2 Persistence and degradability**

No information for the product available. The contained surfactants are readily biodegradable.

68411-30-3 SODIUM DODECYLBENZENESULFONATE (Benzenesulfonic acid C10-13-alkyl derivatives, sodium salts)

| | |
|-----------------------|------------------------------|
| Readily biodegradable | >85 % (28 d) (OECD TG 301 D) |
|-----------------------|------------------------------|

160901-19-9 C12-13 PARETH-7 (Alcohols C12-13 branched and linear, ethoxylated)

| | |
|-----------------------|------------------------------|
| Readily biodegradable | >60 % (28 d) (OECD TG 301 B) |
|-----------------------|------------------------------|

· **12.3 Bioaccumulative potential**

68411-30-3 SODIUM DODECYLBENZENESULFONATE (Benzenesulfonic acid C10-13-alkyl derivatives, sodium salts)

| | |
|---------|----------------------|
| Log Kow | 3.4 (Potential: low) |
|---------|----------------------|

- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties** For information on endocrine disrupting properties see section 11.

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- **12.7 Other adverse effects**
- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
Empty the container thoroughly.
Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.
- **Waste disposal key:**
 20 01 29
 15 01 10
- **Uncleaned packaging:**
- **Recommendation:**
Non contaminated packagings may be recycled.
Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.
- **Recommended cleansing agents:** *Water, if necessary together with cleansing agents.*

SECTION 14: Transport information

| | |
|---|-----------------|
| · 14.1 UN number or ID number · ADR, IMDG, IATA | Void |
| · 14.2 UN proper shipping name · ADR, IMDG, IATA | Void |
| · 14.3 Transport hazard class(es) · ADR, ADN, IMDG, IATA · Class | Void |
| · 14.4 Packing group · ADR, IMDG, IATA | Void |
| · 14.5 Environmental hazards: | Not applicable. |
| · 14.6 Special precautions for user | Not applicable. |
| · 14.7 Maritime transport in bulk according to IMO instruments | Not applicable. |
| · UN "Model Regulation": | Void |

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SECTION 15: Regulatory information

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

· **Directive 2012/18/EU**

· **Named dangerous substances - ANNEX I** None of the ingredients is listed.

· **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

· **REGULATION (EU) 2019/1148**

· **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

· **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

· **Information about limitation of use:** Employment restrictions concerning juveniles must be observed.

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information given in the Material Safety Data Sheet only apply to the described product in connection with its appropriate utilization. These particulars are based on our present knowledge. In particular, the information derive the purpose of describing our product under the aspect of hazards caused by such product and pertaining safety actions. The information does not constitute any guarantee of product quality and/or quality features.

· **Relevant phrases**

H302 Harmful if swallowed.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H412 Harmful to aquatic life with long lasting effects.

· **Training hints**

When manufacturing and distributing the product: information and instruction in handling, safety and hygiene.

When transporting the product: information and instruction in ADR.

· **Classification according to Regulation (EC) No 1272/2008**

The skin and/or eye classification of this product was derived using bridging principles (such as dilution, interpolation within one hazard category or substantially similar mixtures; with or without expert judgement) following Article 9 (3) and Article 9 (4) of Regulation (EC) No 1272/2008.

DetNet/1680

Supplier specifications by: dreco Werke Wasch- und Körperpflegemittel GmbH, Hamburgerstraße 5, D-40221 Düsseldorf, info@dreco-werke.de

· **Department issuing SDS:** Regulatory Affairs

· **Contact:**

reg@globalcosmed.eu

bobini@globalcosmed.eu

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Trade name: Bobini Baby Hypoallergenic washing powder COLOR for nappies, baby and children's clothes

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Abbreviations and acronyms:*ADN: Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure**MARPOL: International Convention for the Prevention of Marine Pollution from Ships (marine pollution)**IBC: Intermediate Bulk Container**IMO: International Maritime Organisation**ECHA: European Chemicals Agency**IVIS: In Vitro Irritancy Score**CLP regulation: "Classification, Labelling and Packaging" regulation, regulation (EC) Nr. 1272/2008**REACH (regulation): "Registration, Evaluation, Authorisation and Restriction of Chemicals" regulation, regulation (EC) Nr. 1907/2006**CE: Conformité Européenne (European Conformity)**Reg.nr.: Registration number**ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)**IMDG: International Maritime Code for Dangerous Goods**IATA: International Air Transport Association**GHS: Globally Harmonised System of Classification and Labelling of Chemicals**EINECS: European Inventory of Existing Commercial Chemical Substances**ELINCS: European List of Notified Chemical Substances**CAS: Chemical Abstracts Service (division of the American Chemical Society)**DNEL: Derived No-Effect Level (REACH)**PNEC: Predicted No-Effect Concentration (REACH)**LC50: Lethal concentration, 50 percent**LD50: Lethal dose, 50 percent**PBT: Persistent, Bioaccumulative and Toxic**vPvB: very Persistent and very Bioaccumulative**EC50: Effective concentration, 50 percent**WEL: Workplace Exposure Limits**NOAEL (NOAEC): No observed adverse effect level (concentration)**NOEL (NOEC): No observed effect level (concentration)**NLP: No-Longer-Polymer**OECD: Organisation for Economic Co-operation and Development**TG: Test Guideline**BCOP: Bovine Corneal Opacity and Permeability**Acute Tox. 4: Acute toxicity – Category 4**Skin Irrit. 2: Skin corrosion/irritation – Category 2**Eye Dam. 1: Serious eye damage/eye irritation – Category 1**Eye Irrit. 2: Serious eye damage/eye irritation – Category 2**STOT SE 3: Specific target organ toxicity (single exposure) – Category 3**Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3*