

# Safety Data Sheet

according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and OSHA  
GHS

Printing date: 12.09.2016

Revision: 12.09.2016

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

- **1.1 Product identifier**
- **Trade name:** Color Club Gel MobilePRO LED Lamp
- **Product code:** No other identifiers
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture:** Manufactured Article.
- **1.3 Details of the supplier of the Safety Data Sheet**
- **Manufacturer/Supplier:**  
Forsythe Cosmetic Group, Ltd.  
10 Niagara Avenue  
Freeport, NY 11520  
Phone: 800-221-8080
- **1.4 Emergency telephone number:**  
ChemTel Inc.  
(800)255-3924, +1 (813)248-0585



## SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
The product is not classified as hazardous according to the Globally Harmonized System (GHS).  
The product is not classified as hazardous according to OSHA GHS regulations within the United States.  
The product is not classified as hazardous according to the CLP regulation.
- **Additional information:**  
Note: Leaking cells pose health hazards: see Sections 4 and 11. Intentional abuse of cells or batteries increases the risk of harm or damage to the product, to the user, and to surrounding materials and personnel. Do not attempt to open sealed cells or batteries. Do not intentionally short-circuit cells or batteries. Do not expose these products to temperatures exceeding the maximum manufacturers rating. Do not dispose of cells/batteries in landfills. Please follow all manufacturer guidelines in the use, storage, and disposal of these products. Consult manufacturer in cases of questions involving specific product usage.  
Exposure to product contents is highly unlikely during normal usage.  
Adverse health effects are not reasonably expected from normal use of product.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
The product is not classified as hazardous according to the CLP regulation.  
The product is not classified as hazardous according to OSHA GHS regulations within the United States.
- **Hazard pictograms** Not Regulated
- **Signal word** Not Regulated
- **Hazard-determining components of labelling:** None.
- **Hazard statements** None.
- **Precautionary statements** Not Regulated.

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· **Additional information:**  
Safety data sheet available on request.

· **2.3 Other hazards** There are no other hazards not otherwise classified that have been identified.

· **Results of PBT and vPvB assessment**
















· **PBT:** Not applicable.

· **vPvB:** Not applicable.

## SECTION 3: Composition/information on ingredients

### · 3.2 Mixtures

#### · Components:

|   |  |        |
|---|--|--------|
| CAS: 1307-96-6<br>EINECS: 215-154-6<br>Index number: 027-002-00-4<br>Reg.nr.: 01-2119532645-38-XXXX | cobalt oxide<br> Acute Tox. 3, H301; Acute Tox. 2, H330<br> Resp. Sens. 1B, H334<br> Aquatic Acute 1, H400; Aquatic Chronic 1, H410<br> Skin Sens. 1, H317 | 20-40% |
| CAS: 7440-50-8<br>EINECS: 231-159-6<br>Reg.nr.: 01-2119480154-42-XXXX                               | copper<br>substance with a Community workplace exposure limit  | 5-10%  |
| CAS: 1313-13-9<br>EINECS: 215-202-6<br>Index number: 025-001-00-3<br>Reg.nr.: 01-2119452801-43-XXXX | manganese dioxide<br> STOT RE 2, H373<br> Acute Tox. 4, H302; Acute Tox. 4, H332   | 5-10%  |
| CAS: 1313-99-1<br>EINECS: 215-215-7<br>Index number: 028-003-00-2<br>Reg.nr.: 01-2119467172-41-XXXX | nickel monoxide<br> Carc. 1A, H350i; STOT RE 1, H372<br> Skin Sens. 1, H317  | 5-10%  |
| CAS: 7429-90-5<br>EINECS: 231-072-3<br>Reg.nr.: 01-2119529243-45-XXXX                               | aluminum metal<br> Water-react. 1, H260   | 5-10%  |
| CAS: 21324-40-3<br>EINECS: 244-334-7<br>Reg.nr.: 01-2119962901-34-XXXX                              | Lithiumhexafluorophosphat(1-)<br> Acute Tox. 3, H301<br> STOT RE 1, H372<br> Skin Corr. 1A, H314; Eye Dam. 1, H318  | 5-10%  |
| CAS: 96-49-1<br>EINECS: 202-510-0<br>Reg.nr.: 01-2119540523-46-XXXX                                 | ethylene carbonate<br> STOT RE 2, H373<br> Acute Tox. 4, H302; Eye Irrit. 2, H319  | <5%    |
| CAS: 108-32-7<br>EINECS: 203-572-1<br>Index number: 607-194-00-1<br>Reg.nr.: 01-2119537232-48-XXXX  | propylene carbonate<br> Eye Irrit. 2, H319  | <5%    |

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CAS: 616-38-6  
EINECS: 210-478-4  
Index number: 607-013-00-6  
Reg.nr.: 01-2119548399-23-XXXX

dimethyl carbonate  
Flam. Liq. 2, H225

&lt;5%

· **Additional information:**

There is no exposure to hazardous ingredients during normal use.  
For the listed ingredient(s), the identity and/or exact percentages are being withheld as a trade secret.  
For the wording of the listed Hazard Statements refer to section 16.

## SECTION 4: First aid measures

· **4.1 Description of first aid measures**

· **General information:**

This is a sealed unit that will not result in exposure to the contents under normal and reasonable conditions of use. In the unlikely event of exposure to contents, appropriate first aid should be administered.

· **After inhalation:**

Unlikely route of exposure.  
Supply fresh air; consult doctor in case of complaints.  
Provide oxygen treatment if affected person has difficulty breathing.

· **After skin contact:**

If exposed to product contents:  
Immediately rinse with water.  
If skin irritation continues, consult a doctor.  
Seek immediate medical help for blistering or open wounds.

· **After eye contact:**

If exposed to product contents:  
Immediately remove contact lenses if possible.  
Rinse opened eye for several minutes under running water. Then consult a doctor.

· **After swallowing:**

Unlikely route of exposure.  
Do not induce vomiting; call for medical help immediately.

· **4.2 Most important symptoms and effects, both acute and delayed**

If exposed to product contents:  
Allergic reactions  
Caustic effect on skin and mucous membranes.  
Strong irritant with the danger of severe eye injury.

· **4.3 Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

## SECTION 5: Firefighting measures

· **5.1 Extinguishing media**

· **Suitable extinguishing agents:**

Water in flooding quantities.  
Fire-extinguishing powder

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Sand

ABC powder

- **For safety reasons unsuitable extinguishing agents:** None.
- **5.2 Special hazards arising from the substance or mixture**  
During heating or in case of fire poisonous gases are produced.
- **5.3 Advice for firefighters**
- **Protective equipment:**  
Wear self-contained respiratory protective device.  
Wear fully protective suit.
- **Additional information:** Cool endangered receptacles with water in flooding quantities.

## SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Ensure adequate ventilation  
If product is leaking, wear protective clothing.  
If containers are leaking, use respiratory protective device against the effects of fumes/dust/aerosol.
- **6.2 Environmental precautions** Avoid release to the environment.
- **6.3 Methods and material for containment and cleaning up**  
Absorb liquid components with liquid-binding material.  
Pick up mechanically.  
Send for recovery or disposal in suitable receptacles.
- **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** Handle with care. Avoid jolting, friction and impact.
- **Information about fire - and explosion protection:** Protect from heat.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Avoid storage near extreme heat, ignition sources or open flame.
- **Information about storage in one common storage facility:**  
Store away from foodstuffs.  
Store away from water.
- **Further information about storage conditions:** Store in a cool place.
- **7.3 Specific end use(s)** No further relevant information available.

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## SECTION 8: Exposure controls/personal protection

### · 8.1 Control parameters

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

##### **1307-96-6 cobalt oxide**

|           |  |
|-----------|--|
| PEL (USA) | Long-term value: 0,1* mg/m <sup>3</sup><br>as Co; *for metal dust and fume |
| REL (USA) | Long-term value: 0,05 mg/m <sup>3</sup><br>as Co; metal dust & fume        |
| TLV (USA) | Long-term value: 0,02 mg/m <sup>3</sup><br>as Co, BEI                      |

##### **7440-50-8 copper**

|           |  |
|-----------|--|
| PEL (USA) | Long-term value: 1* 0,1** mg/m <sup>3</sup><br>as Cu *dusts and mists **fume   |
| REL (USA) | Long-term value: 1* 0,1** mg/m <sup>3</sup><br>as Cu *dusts and mists **fume   |
| TLV (USA) | Long-term value: 1* 0,2** mg/m <sup>3</sup><br>*dusts and mists; **fume; as Cu |

##### **1313-13-9 manganese dioxide**

|           |  |
|-----------|--|
| PEL (USA) | Ceiling limit: 5 mg/m <sup>3</sup><br>as Mn  |
| REL (USA) | Short-term value: 3 mg/m <sup>3</sup><br>Long-term value: 1 mg/m <sup>3</sup><br>as Mn   |
| TLV (USA) | Long-term value: 0,02* 0,1* mg/m <sup>3</sup><br>as Mn; *respirable **inhalable fraction |

##### **1313-99-1 nickel monoxide**

|           |  |
|-----------|--|
| PEL (USA) | Long-term value: 1 mg/m <sup>3</sup><br>as Ni                              |
| REL (USA) | Long-term value: 0,015 mg/m <sup>3</sup><br>as Ni; See Pocket Guide App. A |
| TLV (USA) | Long-term value: 0,2 mg/m <sup>3</sup><br>as Ni; inhalable fraction        |

##### **7429-90-5 aluminum metal**

|           |  |
|-----------|--|
| PEL (USA) | Long-term value: 15*; 5** mg/m <sup>3</sup><br>*Total dust; ** Respirable fraction               |
| REL (USA) | Long-term value: 10* 5** mg/m <sup>3</sup><br>as Al*Total dust**Respirable/pyro powd./welding f. |
| TLV (USA) | Long-term value: 1* mg/m <sup>3</sup><br>as Al; *as respirable fraction                          |

· **DNELs:** No further relevant information available.

· **PNECs:** No further relevant information available.

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· **Ingredients with biological limit values:**

**1307-96-6 cobalt oxide**

|           |   |
|-----------|---|
| BEI (USA) | 15 µg/L<br>Medium: urine<br>Time: end of shift at end of workweek<br>Parameter: Cobalt (background)                   |
|           | 1 µg/L<br>Medium: urine<br>Time: end of shift at end of workweek<br>Parameter: Cobalt (background, semi-quantitative) |

· **8.2 Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Information is only applicable to product contents, and not to product as normally supplied. This information is applicable to damaged, leaking, or spilled product as contact with contents is possible under these conditions.

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Avoid contact with the liquefied material.

· **Respiratory protection:** Not required under normal conditions of use.

· **Protection of hands:**

Not required under normal conditions of use.

Wear protective gloves to handle contents of damaged or leaking units.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

· **Eye protection:**

Not required for normal handling. Wear protective eyewear while handling damaged or leaking product.

Follow relevant national guidelines concerning the use of protective eyewear.

· **Body protection:**

Not required under normal conditions of use.

Protection may be required for spills.

· **Limitation and supervision of exposure into the environment:** Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

· **Appearance**

· **Form:** Solid

· **Colour:** White

· **Odour:** None

· **Odour threshold:** Not determined.

· **pH-value:** Not applicable.

· **Melting point/Melting range:** Not determined.

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|   |   |
|---|---|
| · <b>Boiling point/Boiling range:</b>             | Not determined.                               |
| · <b>Flash point:</b>                             | Not applicable.                               |
| · <b>Flammability (solid, gaseous):</b>           | Not determined.                               |
| · <b>Auto/Self-ignition temperature:</b>          | Not determined.                               |
| · <b>Decomposition temperature:</b>               | Not determined.                               |
| · <b>Danger of explosion:</b>                     | Product does not present an explosion hazard. |
| · <b>Explosion limits</b>                         |   |
| <b>Lower:</b>                                     | Not determined.                               |
| <b>Upper:</b>                                     | Not determined.                               |
| · <b>Oxidising properties</b>                     | Not determined.                               |
| · <b>Vapour pressure:</b>                         | Not determined.                               |
| · <b>Density:</b>                                 |   |
| <b>Relative density:</b>                          | Not determined.                               |
| <b>Vapour density:</b>                            | Not applicable.                               |
| <b>Evaporation rate:</b>                          | Not applicable.                               |
| · <b>Solubility in / Miscibility with water:</b>  | Insoluble.                                    |
| · <b>Partition coefficient (n-octanol/water):</b> | Not determined.                               |
| · <b>Viscosity</b>                                |   |
| <b>Dynamic:</b>                                   | Not applicable.                               |
| <b>Kinematic:</b>                                 | Not applicable.                               |
| · <b>9.2 Other information</b>                    | No further relevant information available.    |

## SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability** Stable under normal temperatures and pressures.
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions**  
Hazardous reactions generally occur with contents of leaking batteries only.  
Toxic fumes may be released if heated above the decomposition point.  
Reacts with strong acids and alkali.  
Reacts with strong oxidising agents.
- **10.4 Conditions to avoid** Excessive heat.
- **10.5 Incompatible materials** Oxidisers, strong bases, strong acids
- **10.6 Hazardous decomposition products**  
Carbon monoxide and carbon dioxide  
Contact with decomposition products does not normally occur; information is applicable only to damaged devices.

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Toxic metal oxide smoke  
Phosphorus oxides (e.g. P<sub>2</sub>O<sub>5</sub>)  
Hydrogen fluoride

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## SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:** Based on available data, the classification criteria are not met.
- **LD/LC50 values relevant for classification:** None.
- **Primary irritant effect**
- **Skin corrosion/irritation:** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation:** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation:** Based on available data, the classification criteria are not met.
- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer):**

|           |                 |    |
|-----------|-----------------|----|
| 1307-96-6 | cobalt oxide    | 2B |
| 1313-99-1 | nickel monoxide | 1  |

- **NTP (National Toxicology Program):**

|           |                 |   |
|-----------|-----------------|---|
| 1313-99-1 | nickel monoxide | K |
|-----------|-----------------|---|

- **OSHA-Ca (Occupational Safety & Health Administration):**

None of the ingredients are listed.

- **Probable routes of exposure:**

Eye contact.  
Skin contact.

- **Acute effects (acute toxicity, irritation and corrosivity):**  
None from normal handling. Symptoms only seen in exposure to leaking articles.
- **Repeated dose toxicity:**  
None from normal handling. Symptoms only seen in exposure to leaking articles.
- **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.
- **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.

## SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** The product contains materials that are harmful to the environment.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.

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- **Additional ecological information:**
- **General notes:** Avoid release to the environment.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

## SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**  
Contact waste processors for recycling information.  
The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

## SECTION 14: Transport information

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>· <b>14.1 UN-Number</b></li> <li>· <b>DOT, ADR, IMDG, IATA</b></li> </ul>   | <p style="text-align: right;">UN3481</p>  |
| <ul style="list-style-type: none"> <li>· <b>14.2 UN proper shipping name</b></li> <li>· <b>DOT, IATA</b></li> <li>· <b>ADR, IMDG</b></li> </ul>  | <p style="text-align: right;">Lithium ion batteries contained in equipment<br/>LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT</p> |
| <ul style="list-style-type: none"> <li>· <b>14.3 Transport hazard class(es)</b></li> <li>· <b>DOT, IMDG, IATA</b></li> </ul>   |   |
| <div style="text-align: center;">  </div> <ul style="list-style-type: none"> <li>· <b>Class</b></li> <li>· <b>Label</b></li> </ul>  | <p style="text-align: right;">9 Miscellaneous dangerous substances and articles.<br/>9</p>                                      |
| <ul style="list-style-type: none"> <li>· <b>ADR</b></li> </ul> <div style="text-align: center;">  </div> <ul style="list-style-type: none"> <li>· <b>Class</b></li> <li>· <b>Label</b></li> </ul> | <p style="text-align: right;">9 (M4) Miscellaneous dangerous substances and articles.<br/>9</p>                                 |

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|  |  |
|--|--|
| · <b>14.4 Packing group</b>  | This UN-number is not assigned a packing group.                    |
| · <b>14.5 Environmental hazards:</b>   |  |
| · <b>Marine pollutant:</b>   | No   |
| · <b>14.6 Special precautions for user</b>                                       | Warning: Miscellaneous dangerous substances and articles.          |
| · <b>Danger code (Kemler):</b>   | -  |
| · <b>EMS Number:</b>   | F-A,S-I  |
| · <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b> | Not applicable.  |
| · <b>Transport/Additional information:</b>                                       | Lithium content less than 20 Wh per cell or 100 Wh per battery.    |
| · <b>DOT</b>   | See 173.185(c) for shipping exceptions.                            |
| · <b>ADR</b>   | See special provision 188 for shipping exceptions.                 |
| · <b>IMDG</b>  | See special provision 188 for shipping exceptions.                 |
| · <b>IATA</b>  | See Section II of PACKING INSTRUCTION 967 for shipping exceptions. |

## SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **United States (USA)**
- **SARA**

· **Section 355 (extremely hazardous substances):**

None of the ingredients are listed.

· **Section 313 (Specific toxic chemical listings):**

|           |                   |
|-----------|-------------------|
| 1307-96-6 | cobalt oxide      |
| 7440-50-8 | copper            |
| 1313-13-9 | manganese dioxide |
| 1313-99-1 | nickel monoxide   |
| 7429-90-5 | aluminum metal    |

· **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

· **Proposition 65 (California):**

· **Chemicals known to cause cancer:**

|           |                 |
|-----------|-----------------|
| 1307-96-6 | cobalt oxide    |
| 1313-99-1 | nickel monoxide |

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· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients are listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients are listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients are listed.

· **Carcinogenic Categories**

· **EPA (Environmental Protection Agency)**

|           |                   |   |
|-----------|-------------------|---|
| 7440-50-8 | copper            | D |
| 1313-13-9 | manganese dioxide | D |

· **IARC (International Agency for Research on Cancer)**

|           |                 |    |
|-----------|-----------------|----|
| 1307-96-6 | cobalt oxide    | 2B |
| 1313-99-1 | nickel monoxide | 1  |

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

|           |                 |
|-----------|-----------------|
| 1313-99-1 | nickel monoxide |
|-----------|-----------------|

· **Canadian Domestic Substances List (DSL)**

All ingredients are listed.

· **Directive 2012/18/EU**

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

· **Other regulations, limitations and prohibitive regulations**

· **Substances of very high concern (SVHC) according to REACH, Article 57**

None of the ingredients are listed.

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

## SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

- H225 Highly flammable liquid and vapour.
- H260 In contact with water releases flammable gases which may ignite spontaneously.
- H301 Toxic if swallowed.
- H302 Harmful if swallowed.
- H314 Causes severe skin burns and eye damage.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H330 Fatal if inhaled.
- H332 Harmful if inhaled.
- H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- H350i May cause cancer by inhalation.

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H372 Causes damage to organs through prolonged or repeated exposure.  
 H373 May cause damage to organs through prolonged or repeated exposure.  
 H400 Very toxic to aquatic life.  
 H410 Very toxic to aquatic life with long lasting effects.

**Abbreviations and acronyms:**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road  
 IMDG: International Maritime Code for Dangerous Goods  
 DOT: US Department of Transportation  
 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  
 SVHC: Substances of Very High Concern  
 vPvB: very Persistent and very Bioaccumulative  
 NIOSH: National Institute for Occupational Safety  
 OSHA: Occupational Safety & Health  
 LDLo: Lowest Lethal Dose Observed  
 Flam. Liq. 2: Flammable liquids – Category 2  
 Water-react. 1: Substances and mixtures which in contact with water emit flammable gases – Category 1  
 Acute Tox. 3: Acute toxicity – Category 3  
 Acute Tox. 4: Acute toxicity – Category 4  
 Acute Tox. 2: Acute toxicity – Category 2  
 Skin Corr. 1A: Skin corrosion/irritation – Category 1A  
 Eye Dam. 1: Serious eye damage/eye irritation – Category 1  
 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
 Resp. Sens. 1B: Respiratory sensitisation – Category 1B  
 Skin Sens. 1: Skin sensitisation – Category 1  
 Carc. 1A: Carcinogenicity – Category 1A  
 STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1  
 STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2  
 Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1  
 Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

**Sources**

Website, European Chemicals Agency (echa.europa.eu)  
 Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor internet/registry/substreg/home/overview/home.do)  
 Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org)  
 Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6  
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 Safety Data Sheets, Individual Manufacturers

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