



## Safety Data Sheet according to (EC) No 1907/2006

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Blond Me Lifting Steel Blue

SDS No. : 485791

V001.0

Revision: 29.02.2016

printing date: 29.02.2016

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

#### 1.1. Product identifier

Blond Me Lifting Steel Blue

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use:

Hair Color/Toner, oxidative dyes

#### 1.3. Details of the supplier of the safety data sheet

Henkel AG & Co. KGaA

Düsseldorf Germany

Henkelstr. 67

40191 Düsseldorf

Phone: +49 211-797-0

#### E-mail address of person responsible for Safety Data Sheet:

Henkel Cosmetics, e-mail : Mustafa.Akram@henkel.com

#### 1.4. Emergency telephone number

The Henkel information service also provides an around-the-clock telephone service on phone no.+49-(0)211-797-3350 for exceptional cases.

Further information is available at Poison Control Centers.

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No 1272/2008 (CLP):

Serious eye irritation Category 2

Causes serious eye irritation.

Specific target organ toxicity - Category 3  
single exposure

May cause respiratory irritation.

#### 2.2. Label elements (CLP)

Hazard pictogram:



<b>Signal word:</b>	Warning
<b>Hazard statement:</b>	H319 Causes serious eye irritation. H335 May cause respiratory irritation.
<b>Precautionary statement: Prevention</b>	P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P280 Wear eye protection/face protection.
<b>Precautionary statement: Response</b>	P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312 Call a POISON CENTER or doctor if you feel unwell. P337+P313 If eye irritation persists: Get medical advice/attention.
<b>Precautionary statement: Storage</b>	P403+P233 Store in a well-ventilated place. Keep container tightly closed.

EUH208 Contains 2-methyl-p-phenylenediamine sulphate. May produce an allergic reaction.

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

#### 3.2. Mixtures

Hazardous substances according to CLP (EC) No 1272/2008:

Hazardous substances CAS-No.	EINECS	REACH-Reg No.	Content	Classification
ammonia, aqueous solution 1336-21-6	215-647-6	01-2119488876-14	>= 5- < 10 %	H290 Corrosive to metals 1 H314 Skin corrosion 1B H400 Acute hazards to the aquatic environment 1
Fatty alcohol, C16-18, ethoxylate 68439-49-6			>= 1- < 3 %	H318 Serious eye damage 1
Siloxanes and Silicones, di-Me, hydrogen- terminated, polymers with polyethylene glycol bis(2-methyl-2-propen-1-yl) ether, 3- [3-[bis( 1253692-80-6			>= 1- < 3 %	H315 Skin irritation 2 H319 Serious eye irritation 2
2-methyl-p-phenylenediamine sulphate 615-50-9	210-431-8		>= 0,1- < 0,25 %	H301 Acute toxicity 3; Oral H332 Acute toxicity 4; Inhalation H312 Acute toxicity 4; Dermal H317 Skin sensitizer 1 H411 Chronic hazards to the aquatic environment 2

For full text of the H - Phrases indicated by codes only see Section 16 "Other information".

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

General information:  
In case of adverse health effects seek medical advice.

Inhalation:  
not relevant.

Skin contact:  
Rinse with water. Take off all clothing contaminated by the product.

Eye contact:

Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

Ingestion:

Rinse the mouth. Drink 1-2 glasses of water.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media:

All common extinguishing agents are suitable.

Extinguishing media which must not be used for safety reasons:

None known

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

The release of following substances is possible in case of fire:

carbon oxides.

nitrogen oxides

Sulphur oxides

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus.

Wear protective equipment.

### Additional information:

Dispose of combustion residues and contaminated fire-fighting water in accordance with statutory regulations.

Collect contaminated fire fighting water separately. It must not enter drains.

## SECTION 6: Accidental release measures

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

No information.

### 6.2. Environmental precautions

Do not allow to enter drainage system, surface or ground water of not diluted product.

Do not dispose of in wastepaper bin or trash-can.

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

Dilute small quantities with large amount of water and rinse.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Handling advice:

No particular measures required.

Fire and explosion protection information:

No special measures required if used properly.

Hygiene measures:

Do not eat, drink or smoke while working.

Immediately remove soiled or soaked clothing.

Wash hands before work breaks and after finishing work.

Keep away from food, beverages and animal feed.

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

Store in sealed original container protected against moisture.

Store far from foodstuffs.

**7.3. Specific end use(s)**

Hair Color/Toner, oxidative dyes

**SECTION 8: Exposure controls/personal protection**

Only relevant for professional/industrial use

**8.1. Control parameters**Valid for  
Germany

Contains no components with occupational exposure limit values.

**8.2. Exposure controls**Engineering controls:  
Ensure good ventilation/suction at the workplace.Respiratory protection:  
Not needed.

Hand protection:  
For the contact with product protective gloves made from Spezial-Nitril (material thickness > 0.1 mm, break through time > 480 min class 6) are recommended according to EN 374. In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. We recommend to change single-use protective gloves periodical and a hand care plan in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.

Manufacturer e.g. German company KCL, type Dermatrill.

Eye protection:  
Protective gogglesSkin protection:  
Suitable protective clothing**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

The following data apply to the whole mixture:

Appearance	cream high viscosity white/light beige
Odor	ammoniacal, floral
pH (20 °C (68 °F))	10,50 - 11,50
Initial boiling point	Not applicable
Flash point	Not applicable
Decomposition temperature	Not applicable
Vapour pressure	Not applicable
Density (20 °C (68 °F))	0,970 - 1,010 g/cm <sup>3</sup>
Bulk density	Not applicable
Viscosity (Haake; Instrument: Haake VT 550; 20 °C (68 °F); speed of rotation: 8 min <sup>-1</sup> ; Rotary measuring system: MV II)	6.000 - 20.000 mPa.s
Viscosity (kinematic)	Not applicable
Explosive properties	Not applicable
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	Miscible
Solidification temperature	Not applicable
Melting point	Not applicable
Flammability	Not applicable

Auto-ignition temperature	Not applicable
Explosive limits	Not applicable
Partition coefficient: n-octanol/water	Not applicable
Evaporation rate	Not applicable
Vapor density	Not applicable
Oxidising properties	Not applicable
Container pressure	Not applicable

**SECTION 10: Stability and reactivity****10.1. Reactivity**

None if used for intended purpose.

**10.2. Chemical stability**

None known.

**10.3. Possibility of hazardous reactions**

See section reactivity

None known.

**10.4. Conditions to avoid**

None known.

**10.5. Incompatible materials**

None known.

**10.6. Hazardous decomposition products**

None known.

**SECTION 11: Toxicological information****Acute oral toxicity:**

Hazardous substances CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
ammonia, aqueous solution 1336-21-6	LD50	3.050 mg/kg	oral		rat	Not specified
Fatty alcohol, C16-18, ethoxylate 68439-49-6			oral			
Siloxanes and Silicones, di-Me, hydrogen- terminated, polymers with polyethylene glycol bis(2- methyl-2-propen-1-yl) ether, 3-[3-[bis( 1253692-80-6			oral			
2-methyl-p- phenylenediamine sulphate 615-50-9	LD50	98 mg/kg	oral		rat	

**Acute dermal toxicity:**

Hazardous substances CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
ammonia, aqueous solution 1336-21-6			dermal			
Siloxanes and Silicones, di-Me, hydrogen- terminated, polymers with polyethylene glycol bis(2- methyl-2-propen-1-yl) ether, 3-[3-[bis( 1253692-80-6			dermal			

**Acute inhalative toxicity:**

Hazardous substances CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
ammonia, aqueous solution 1336-21-6			inhalation			
Siloxanes and Silicones, di-Me, hydrogen- terminated, polymers with polyethylene glycol bis(2- methyl-2-propen-1-yl) ether, 3-[3-[bis( 1253692-80-6			inhalation			

**Skin corrosion/irritation:**

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
ammonia, aqueous solution 1336-21-6	corrosive			
Fatty alcohol, C16-18, ethoxylate 68439-49-6	slightly irritating	4 h	rabbit	EU Method B.4 (Acute Toxicity: Dermal Irritation / Corrosion)

**Serious eye damage/irritation:**

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
ammonia, aqueous solution 1336-21-6	corrosive			
Fatty alcohol, C16-18, ethoxylate 68439-49-6	highly irritating		rabbit	

**Respiratory or skin sensitization:**

Hazardous substances CAS-No.	Result	Test type	Species	Method
Fatty alcohol, C16-18, ethoxylate 68439-49-6	not sensitising	Guinea pig maximisation test	guinea pig	Magnusson and Kligman Method

**Germ cell mutagenicity:**

Hazardous substances CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Fatty alcohol, C16-18, ethoxylate 68439-49-6	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)

No data available.

**Reproductive toxicity:**

No data available.

**SECTION 12: Ecological information****12.1. Toxicity**

The ecological evaluation of the product is based on data from the raw material and/or comparable substances.

**Toxicity (Fish):**

Hazardous substances CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
ammonia, aqueous solution 1336-21-6	LC50	0,16 - 1,1 mg/l	Fish	96 h	Salmo gairdneri (new name: Oncorhynchus mykiss)	OECD Guideline 203 (Fish, Acute Toxicity Test)
Fatty alcohol, C16-18, ethoxylate 68439-49-6	LC50	4 mg/l	Fish	48 h	Leuciscus idus	DIN 38412-15
2-methyl-p-phenylenediamine sulphate 615-50-9	LC50	12 mg/l	Fish			OECD Guideline 203 (Fish, Acute Toxicity Test)

**Toxicity (Daphnia):**

Hazardous substances CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
ammonia, aqueous solution 1336-21-6	EC50	25,4 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Fatty alcohol, C16-18, ethoxylate 68439-49-6	EC50	> 200 mg/l	Daphnia	24 h	Daphnia magna	
Siloxanes and Silicones, di- Me, hydrogen-terminated, polymers with polyethylene glycol bis(2-methyl-2-propen- 1-yl) ether, 3-[3-[bis( 1253692-80-6	EC50	> 100 mg/l	Daphnia	48 h	Not specified	Not specified
2-methyl-p-phenylenediamine sulphate 615-50-9	EC50	1,6 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

**Toxicity (Algae):**

Hazardous substances CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
ammonia, aqueous solution 1336-21-6	EC50	> 1.000 mg/l	Algae	72 h	Skeletonema costatum	ISO 10253 (Water quality)
Fatty alcohol, C16-18, ethoxylate 68439-49-6	EC50	65 mg/l	Algae	72 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	DIN 38412-09

**12.2. Persistence and degradability**

Hazardous substances CAS-No.	ResultValue	Route of application	Degradability	Method
Fatty alcohol, C16-18, ethoxylate 68439-49-6	readily biodegradable	aerobic	71 - 75 %	EU Method C.4-E (Determination of the "Ready" BiodegradabilityClosed Bottle Test)
2-methyl-p-phenylenediamine sulphate 615-50-9		aerobic	85 %	OECD Guideline 302 B (Inherent biodegradability: Zahn- Wellens/EMPA Test)

**12.3. Bioaccumulative potential**

No data available.



**12.4. Mobility in soil**

Hazardous substances CAS-No.	LogKow	Bioconcentration factor (BCF)	Exposure time	Species	Temperature	Method
2-methyl-p-phenylenediamine sulphate 615-50-9	0,16					

**12.5. Results of PBT and vPvB assessment**

This mixture does not contain any substances that are assessed to be a PBT or vPvB.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

Product disposal:

Consider national regulations.

**SECTION 14: Transport information****14.1. UN number**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

**14.2. UN proper shipping name**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

**14.3. Transport hazard class(es)**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

**14.4. Packing group**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

**14.5. Environmental hazards**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

**14.6. Special precautions for user**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

**14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

not applicable

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

National regulations/information (Germany):

WGK:

2, water-endangering product. (German VwVwS of May 17, 1999 )  
Classification in conformity with the calculation method

Storage class according to TRGS 510:

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#### 15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

### SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

H290 May be corrosive to metals.  
H301 Toxic if swallowed.  
H312 Harmful in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H400 Very toxic to aquatic life.  
H411 Toxic to aquatic life with long lasting effects.

#### Further information:

This information is not related to the use of the product, it is based on our current level of knowledge.