

# PRODUKTBLAD

Silverlines AS, org.nr. 992722754 MVA. [www.silverlines.no](http://www.silverlines.no)

Produkt/-er: Schwarzkopf blekemidler  
Varenummer: 360809265, 360808211, 360901241  
Produsent: Henkel AG & Co KGaA

Bruksområde: Beregnet for professionell bruk i frisørsalonger

Bruksbegrensning: Produktet skal kun benyttes til bleking av hår, og kun iht produsentens bruksanvisning.

## Advarsler:

- Produktet inneholder sterke kemikalier og kan forårsake hudirritasjon, allergisk reaksjon, eller brannskade ved feil bruk /overforbruk
- Inneholder giftige stoffer, og MÅ IKKE svelges eller innhaleres; Ta umiddelbar kontakt med lege ved svelging.
- Produktet brannfarlig, og må ikke komme i kontakt med flammer, eller andre varmende elementer
- For øvring informasjon; se vedlagt Sikkerhetsdatablad





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

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Igora Vario Blonde Plus

SDS No. : 360423  
V001.2

Revision: 11.01.2016  
printing date: 01.03.2016

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

#### 1.1. Product identifier

Igora Vario Blonde Plus

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

Intended use:

Bleaching

#### 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):

Oxidizing solids	Category 3
May intensify fire; oxidizer.	
Corrosive to metals	Category 1
May be corrosive to metals.	
Acute toxicity	Category 4
Harmful if swallowed.	
Skin corrosion	Category 1A
Causes severe skin burns and eye damage.	
Respiratory sensitizer	Category 1
May cause allergy or asthma symptoms or breathing difficulties if inhaled.	
Skin sensitizer	Category 1
May cause an allergic skin reaction.	
Specific target organ toxicity - single exposure	Category 3
May cause respiratory irritation.	

#### 2.2. Label elements (CLP)

Hazard pictogram:



<b>Signal word:</b>	Danger
<b>Hazard statement:</b>	H272 May intensify fire; oxidizer. H290 May be corrosive to metals. H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H317 May cause an allergic skin reaction. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 May cause respiratory irritation.
<b>Precautionary statement: Prevention</b>	P210 Keep away from heat/open flames/hot surfaces. - No smoking. P221 Take any precaution to avoid mixing with combustibles. P260 Do not breathe dusts or mists. P280 Wear protective gloves/protective clothing/eye protection/face protection. P284 [In case of inadequate ventilation] wear respiratory protection.
<b>Precautionary statement: Response</b>	P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. P304+P340+P310 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or physician. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor. P370+P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

### 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
dipotassium peroxodisulphate 7727-21-1	231-781-8	01-2119495676-19	>= 30- < 50 %	H272 Oxidizing solids 3 H335 Specific target organ toxicity - single exposure 3 H315 Skin irritation 2 H334 Respiratory sensitizer 1 H317 Skin sensitizer 1 H302 Acute toxicity 4; Oral H319 Serious eye irritation 2
sodium metasilicate 6834-92-0	229-912-9	01-2119449811-37	>= 10- < 20 %	H290 Corrosive to metals 1 H335 Specific target organ toxicity - single exposure 3 H314 Skin corrosion 1B
Diammonium peroxodisulphate 7727-54-0	231-786-5	01-2119495973-19	>= 5- < 10 %	H302 Acute toxicity 4; Oral H319 Serious eye irritation 2 H335 Specific target organ toxicity - single exposure 3 H315 Skin irritation 2 H334 Respiratory sensitizer 1 H317 Skin sensitizer 1 H272 Oxidizing solids 3
Disodium dihydrogen ethylenediaminetetraacetate 139-33-3	205-358-3	01-2119486775-20	>= 1- < 10 %	H332 Acute toxicity 4; Inhalation H373 Specific target organ toxicity - repeated exposure 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.

Remove casualty immediately from danger zone. Take off immediately all contaminated clothing.

**Inhalation:**

Move to fresh air, consult doctor if complaint persists.

**Skin contact:**

Rinse immediately with plenty of running water (for 10 minutes), Remove all contaminated clothing and apply bandage. Seek medical advice.

**Eye contact:**

Immediately flush eyes with water (for 10 minutes), put on a bandage with sterile gauze, see an oculist.

**Ingestion:**

Rinse the mouth. Drink plenty of water. Immediate medical advice necessary.

## 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.  
Nitrous gases  
Generation of oxygen  
Sulphur oxides

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus.  
Wear protective equipment.

#### **Additional information:**

The product intensifies fire  
Remove product from danger zone.  
Extend fire extinguishing measures to the surroundings.  
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.  
In case of fire, keep containers cool with water spray.

## SECTION 6: Accidental release measures

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

Wear protective equipment.  
Avoid contact with skin and eyes.  
Depending on workplace dust concentration, wear dust filter mask with particle filter P1, P2 or P3.

### 6.2. Environmental precautions

Do not empty into drains / surface water / ground water.

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

Remove mechanically.  
Avoid dust formation.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Handling advice:  
Ensure good ventilation/suction at the workplace.  
Avoid skin and eye contact.  
Keep dust formation and -deposit to a minimum.  
Avoid dust formation, vacuum.

Fire and explosion protection information:  
Avoid the formation and build-up of dust - danger of dust explosion.  
Keep away from combustible material.

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)**

Bleaching

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

**Only relevant for professional/industrial use**

**8.1. Control parameters**

Valid for  
Germany

Ingredient [Regulated substance]	ppm	mg/m <sup>3</sup>	Value type	Short term exposure limit category / Remarks	Remarks
Silicon dioxide 7631-86-9		4	Exposure limit(s):	If the AGW and BGW values are complied with, there should be no risk of reproductive damage (see Number 2.7).	TRGS 900

**8.2. Exposure controls**

Engineering controls:  
Ensure good ventilation/suction at the workplace.

Respiratory protection:  
Suitable breathing mask when there is inadequate ventilation.  
Dust mask, P2 particle filter.

Hand protection:  
Protective gloves from natural India rubber are to be worn when handling the product. The product is a dry powder, a penetration of the intact glove is not expected even during longer periods of wearing. It is possible though that when wearing the gloves for several hours uncomfortable sensations can occur caused by body heat and humidity.

Eye protection:  
Wear tight fitting goggles.

Skin 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	powder fine blue
Odor	floral
pH (20 °C (68 °F); Conc.: 10 Weight%; Solvent: Water)	11,70 - 12,30
Initial boiling point	Not applicable
Flash point	Not applicable
Decomposition temperature	Not applicable
Vapour pressure	Not applicable
Density	Not applicable
Bulk density	670,000 - 750,000 g/l
Viscosity	Not applicable
Viscosity (kinematic)	Not applicable

Explosive properties	Not applicable
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	Partially soluble
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

Accelerators.

Contaminants (e.g. rust, dust, ash).

Combustible materials.

Reaction with heavy metals.

Reaction with strong acids.

Reaction with strong bases

### 10.2. Chemical stability

None known.

### 10.3. Possibility of hazardous reactions

See section reactivity

None known.

### 10.4. Conditions to avoid

Keep away from sources of heat or ignition and protect from moisture.

Small amounts of moisture or impurities can noticeably reduce the SADT.

### 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
sodium metasilicate 6834-92-0	LD50	495 mg/kg	oral		rat	OECD Guideline 401 (Acute Oral Toxicity)
Diammonium peroxodisulphate 7727-54-0						
Disodium dihydrogen ethylenediaminetetraaceta te 139-33-3	LD50	> 2.000 - < 5.000 mg/kg	oral		rat	

**Acute dermal toxicity:**

Hazardous substances CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
sodium metasilicate 6834-92-0	LD50	> 2.000 mg/kg	dermal		rat	EPA OPP 81-2 (Acute Dermal Toxicity)
Diammonium peroxodisulphate 7727-54-0			dermal			

**Acute inhalative toxicity:**

Hazardous substances CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
sodium metasilicate 6834-92-0	Acute toxicity estimate (ATE) LC0	5,1 mg/l 2,95 mg/l	inhalation	4 h	rat	Expert judgement OECD Guideline 403 (Acute Inhalation Toxicity)
Diammonium peroxodisulphate 7727-54-0			inhalation			
			inhalation			

**Skin corrosion/irritation:**

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
sodium metasilicate 6834-92-0	corrosive	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
Diammonium peroxodisulphate 7727-54-0	Category 2 (irritant)	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

**Serious eye damage/irritation:**

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Diammonium peroxodisulphate 7727-54-0	slightly irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

**Respiratory or skin sensitization:**

Hazardous substances CAS-No.	Result	Test type	Species	Method
Diammonium peroxodisulphate 7727-54-0	sensitising	Freund's complete adjuvant test	guinea pig	OECD Guideline 406 (Skin Sensitisation)



**Germ cell mutagenicity:**

<b>Hazardous substances CAS-No.</b>	<b>Result</b>	<b>Type of study / Route of administration</b>	<b>Metabolic activation / Exposure time</b>	<b>Species</b>	<b>Method</b>
sodium metasilicate 6834-92-0	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Diammonium peroxodisulphate 7727-54-0	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		

**Repeated dose toxicity**

<b>Hazardous substances CAS-No.</b>	<b>ResultValue</b>	<b>Route of application</b>	<b>Exposure time / Frequency of treatment</b>	<b>Species</b>	<b>Method</b>
sodium metasilicate 6834-92-0	792 mg/kg	oral: drinking water	2 yearscontinuous	rat	
Diammonium peroxodisulphate 7727-54-0	300 ppm	oral: feed	28 dayspermanent	rat	
Disodium dihydrogen ethylenediaminetetraacetate 139-33-3		inhalation: dust	13 weeks6 hours/day, 5 days/week	rat	OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day)

**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
dipotassium peroxodisulphate 7727-21-1	LC50	771 mg/l	Fish	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
sodium metasilicate 6834-92-0	LC50	210 mg/l	Fish	96 h	Brachydanio rerio (new name: Danio rerio)	
Diammonium peroxodisulphate 7727-54-0	LC50	76,3 mg/l	Fish	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
Disodium dihydrogen ethylenediaminetetraacetate 139-33-3	LC50	320 mg/l	Fish	96 h	Poecilia reticulata	EU Method C.1 (Acute Toxicity for Fish)

#### Toxicity (Daphnia):

Hazardous substances CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
dipotassium peroxodisulphate 7727-21-1	EC50	133 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
sodium metasilicate 6834-92-0	EC50	1.700 mg/l	Daphnia	48 h	Daphnia magna	
Diammonium peroxodisulphate 7727-54-0	EC50	120 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
sodium metasilicate 6834-92-0	EC0	36 mg/l	Algae	72 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	DIN 38412-09
Diammonium peroxodisulphate 7727-54-0	EC50	> 33 mg/l	Algae	96 h	Scenedesmus quadricauda	OECD Guideline 201 (Alga, Growth Inhibition Test)

### 12.2. Persistence and degradability

Hazardous substances CAS-No.	ResultValue	Route of application	Degradability	Method
Disodium dihydrogen ethylenediaminetetraacetate 139-33-3			5 %	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
Disodium dihydrogen ethylenediaminetetraacetate 139-33-3	-11,7					

**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.

Special waste incineration or special disposal with the approval of the responsible local authority.

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

ADR	3085
RID	3085
ADN	3085
IMDG	3085
IATA	3085

**14.2. UN proper shipping name**

ADR	OXIDIZING SOLID, CORROSIVE, N.O.S. (Potassium persulfate,Sodium metasilicate)
RID	OXIDIZING SOLID, CORROSIVE, N.O.S. (Potassium persulfate,Sodium metasilicate)
ADN	OXIDIZING SOLID, CORROSIVE, N.O.S. (Potassium persulfate,Sodium metasilicate)
IMDG	OXIDIZING SOLID, CORROSIVE, N.O.S. (Potassium persulfate,Sodium metasilicate)
IATA	Oxidizing solid, corrosive, n.o.s. (Potassium persulfate,Sodium metasilicate)

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

ADR	5.1 (8)
RID	5.1 (8)
ADN	5.1 (8)
IMDG	5.1 (8)
IATA	5.1 (8)

**14.4. Packing group**

ADR	III
RID	III
ADN	III
IMDG	III
IATA	III

**14.5. Environmental hazards**

ADR	not applicable
RID	not applicable
ADN	not applicable
IMDG	not applicable
IATA	not applicable

**14.6. Special precautions for user**

ADR	not applicable Tunnelcode: (E)
RID	not applicable
ADN	not applicable
IMDG	IMDG-Code: Segregation group 16- Peroxides; Segregation group 18- Alkalis
IATA	not applicable

Protect from moisture

Must be protected from direct sunshine and stored in a cool and well ventilated place, away from all sources of heat.

**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:	5.1B

### 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:

H272 May intensify fire; oxidizer.  
H290 May be corrosive to metals.  
H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H335 May cause respiratory irritation.  
H373 May cause damage to organs through prolonged or repeated exposure.

### Further information:

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