

# SAFETY DATA SHEET

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

### 1.1. Product identifier

**Trade name**

Paint Remover Blue 203

**Product no.**

-

**REACH registration number**

Not applicable

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

**Relevant identified uses of the substance or mixture**

Graffiti Removal

**Uses advised against**

-

The full text of any mentioned and identified use categories are given in section 16

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

**Company and address**

Blue & Green AB  
Stenorsvägen 52  
261 44 Landskrona  
Sweden  
Tfn: +46 418 399000  
Fax: +46 418 13199  
www.blueandgreen.se

**E-mail**

info@blueandgreen.se

**SDS date**

2020-11-25

**SDS Version**

1.0

### 1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service). See section 4 "First aid measures".

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Acute Tox. 4; H302 + H332  
Eye Irrit. 2; H319  
Aquatic Chronic 3; H412  
See full text of H-phrases in section 2.2.

### 2.2. Label elements

**Hazard pictogram(s)****Signal word**

Warning

**Hazard statement(s)**

Harmful if swallowed or if inhaled. (H302 + H332)  
Causes serious eye irritation. (H319)  
Harmful to aquatic life with long lasting effects. (H412)

According to EC-Regulation 2015/830

### Precautionary statements

General	If medical advice is needed, have product container or label at hand. (P101). Keep out of reach of children. (P102).
Prevention	Use only outdoors or in a well-ventilated area. (P271). Avoid release to the environment. (P273). Wear eye protection/gloves. (P280).
Response	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338).
Storage	-
Disposal	Dispose of contents/container to an approved waste disposal plant. (P501).

### Identity of the substances primarily responsible for the major health hazards

benzyl alcohol; hydrogen peroxide

### Additional labelling

Not applicable

### Unique formula identifier (UFI)

PQ7R-YFDU-E201-J9CX

### 2.3. Other hazards

Not applicable

### Additional warnings

Tactile warning.

### VOC (volatile organic compound)

Not applicable

## SECTION 3: Composition/information on ingredients

### 3.1/3.2. Substances/Mixtures

NAME: benzyl alcohol  
 IDENTIFICATION NOS.: CAS-no: 100-51-6 EC-no: 202-859-9 REACH-no: 01-2119492630-38 Index-no: 603-057-00-5  
 CONTENT: 40-60%  
 CLP CLASSIFICATION: Acute Tox. 4, Eye Irrit. 2  
 H302, H319, H332

NAME: Hydrocarbons, C9, aromatics  
 IDENTIFICATION NOS.: CAS-no: 128601-23-0 EC-no: 918-668-5 REACH-no: 01-2119455851-35  
 CONTENT: 5 - <10%  
 CLP CLASSIFICATION: Flam. Liq. 3, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2  
 H226, H304, H335, H336, H411, EUH066  
 NOTE: O

NAME: hydrogen peroxide  
 IDENTIFICATION NOS.: CAS-no: 7722-84-1 EC-no: 231-765-0 REACH-no: 01-2119485845-22 Index-no: 008-003-00-9  
 CONTENT: 5 - <10%  
 CLP CLASSIFICATION: Ox. X 1/2, Acute Tox. 4, STOT SE 3, Skin Corr. 1A, Eye Dam. 1, Aquatic Chronic 3  
 H271, H302, H314, H318, H332, H335, H412

(\*) O = Organic solvent See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

### Other information

ATEmix(inhale, vapour) = 16 - <= 20  
 ATEmix(oral) = 727.272 - 1090.908  
 Eye Cat. 2 Sum = Sum(Ci/S(G)CLi) = 4.8 - 7.2  
 Skin Cat. 2 Sum = Sum(Ci/S(G)CLi) = 0.1144 - 0.1716  
 N chronic (CAT 3) Sum = Sum(Ci/(M(chronic)\*25)\*0.1\*10^CATi) = 1.76 - 2.64

Detergent:  
 5 - 15%: AROMATIC HYDROCARBONS

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet.  
 The doctor can contact The National Poisons Information Service: Dial 0344 892 0111 (24 h service).

According to EC-Regulation 2015/830

Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

**Inhalation**

Bring the injured person into fresh air. Make sure the injured person is continuously monitored. Prevent shock by keeping the injured person warm and calm. If breathing ceases, give mouth-to-mouth resuscitation. If unconscious, roll the injured person into recovery position. Call an ambulance.

**Skin contact**

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with soap and water.

**Eye contact**

Remove contact lenses. Flush eyes immediately with plenty of water or isotonic water (20-30°C) for at least 5 minutes and continue until irritation stops. Make sure to flush under the upper and lower eyelids. If irritation continues, contact a doctor. Continue flushing during transport.

**Ingestion**

In the case of ingestion, contact a doctor immediately and bring the safety data sheet or label. If the person is conscious, give them water. DO NOT try to induce vomiting, unless this is recommended by a doctor. Hold head facing down to prevent vomit returning to the mouth and throat. Prevent shock by keeping the injured person warm and calm. Initiate immediate resuscitation if breathing stops. If unconscious, roll the injured person into recovery position. Call an ambulance.

**Burns**

Not applicable

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

This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

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

IF exposed or concerned: Get immediate medical advice/attention.

**Information to medic**

Bring this safety data sheet.

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist.

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

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous catabolic substances are produced. These are: Carbon oxides. Fire will result in dense black smoke. Exposure to combustion products may harm your health. Fire fighters should wear appropriate protection equipment. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

**5.3. Advice for firefighters**

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

**SECTION 6: Accidental release measures**

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

Avoid inhalation of vapours from spilled material.

**6.2. Environmental precautions**

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities. It is recommended to install waste collection trays to prevent emissions to the waste water system and surrounding environment.

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

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations.

**6.4. Reference to other sections**

See section on "Disposal considerations" in regard of handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

According to EC-Regulation 2015/830

Smoking, storage of tobacco, consumption and storage of food or liquids are not allowed in the workrooms. It is recommended to install waste collection trays to prevent emissions to the waste water system and surrounding environment. See section on 'Exposure controls/personal protection' for information on personal protection.

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

Always store in containers of the same material as the original container. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

#### Storage temperature

Room temperature 18 to 23°C

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### OEL

hydrogen peroxide

Long-term exposure limit (8-hour TWA reference period): 1 ppm | 1,4 mg/m<sup>3</sup>

Short-term exposure limit (15-minute reference period): 2 ppm | 2,8 mg/m<sup>3</sup>

#### DNEL / PNEC

DNEL (benzyl alcohol): 22 mg/m<sup>3</sup>

Exposure: Inhalation

Duration of Exposure: Long term – Systemic effects - Workers

Remarks: Registration dossier ECHA

DNEL (benzyl alcohol): 110 mg/m<sup>3</sup>

Exposure: Inhalation

Duration of Exposure: Short term – Systemic effects - Workers

Remarks: Registration dossier ECHA

DNEL (benzyl alcohol): 8 mg/kg bw/d

Exposure: Dermal

Duration of Exposure: Long term – Systemic effects - Workers

Remarks: Registration dossier ECHA

DNEL (benzyl alcohol): 40 mg/kg bw/d

Exposure: Dermal

Duration of Exposure: Short term – Systemic effects - Workers

Remarks: Registration dossier ECHA

DNEL (benzyl alcohol): 5.4 mg/m<sup>3</sup>

Exposure: Inhalation

Duration of Exposure: Long term – Systemic effects - General population

Remarks: Registration dossier ECHA

DNEL (benzyl alcohol): 27 mg/m<sup>3</sup>

Exposure: Inhalation

Duration of Exposure: Short term – Systemic effects - General population

Remarks: Registration dossier ECHA

DNEL (benzyl alcohol): 4 mg/kg bw/d

Exposure: Dermal

Duration of Exposure: Long term – Systemic effects - General population

Remarks: Registration dossier ECHA

DNEL (benzyl alcohol): 20 mg/kg bw/d

Exposure: Dermal

Duration of Exposure: Short term – Systemic effects - General population

Remarks: Registration dossier ECHA

DNEL (benzyl alcohol): 4 mg/kg bw/d

Exposure: Oral

Duration of Exposure: Long term – Systemic effects - General population

Remarks: Registration dossier ECHA

DNEL (benzyl alcohol): 20 mg/kg bw/d

Exposure: Oral

Duration of Exposure: Short term – Systemic effects - General population

Remarks: Registration dossier ECHA

DNEL (Hydrocarbons, C9, aromatics): 150 mg/m<sup>3</sup>

According to EC-Regulation 2015/830

Exposure: Inhalation  
Duration of Exposure: Long term – Systemic effects - Workers

DNEL ( Hydrocarbons, C9, aromatics): 25 mg/kg/d  
Exposure: Dermal  
Duration of Exposure: Long term – Systemic effects - Workers

DNEL ( Hydrocarbons, C9, aromatics): 11 mg/kg/d  
Exposure: Dermal  
Duration of Exposure: Long term – Systemic effects - General population

DNEL ( Hydrocarbons, C9, aromatics): 32 mg/m<sup>3</sup>  
Exposure: Inhalation  
Duration of Exposure: Long term – Systemic effects - General population

DNEL ( Hydrocarbons, C9, aromatics): 11 mg/kg/d  
Exposure: Oral  
Duration of Exposure: Long term – Systemic effects - General population

PNEC (benzyl alcohol): 1 mg/l  
Exposure: Freshwater  
Remarks: Registration dossier ECHA

PNEC (benzyl alcohol): 0.1 mg/l  
Exposure: Marine water  
Remarks: Registration dossier ECHA

PNEC (benzyl alcohol): 2.3 mg/l  
Exposure: Intermittent release  
Remarks: Registration dossier ECHA

PNEC (benzyl alcohol): 0.456 mg/kg dw  
Exposure: Soil  
Remarks: Registration dossier ECHA

PNEC (benzyl alcohol): 0.527 mg/kg dw  
Exposure: Marine water sediment  
Remarks: Registration dossier ECHA

PNEC (benzyl alcohol): 5.27 mg/kg dw  
Exposure: Freshwater sediment  
Remarks: Registration dossier ECHA

PNEC (benzyl alcohol): 39 mg/l  
Exposure: Sewage Treatment Plant  
Remarks: Registration dossier ECHA

## 8.2. Exposure controls

Compliance with the accepted occupational exposure limits values should be controlled on a regular basis.

### General recommendations

Observe general occupational hygiene standards.

### Exposure scenarios

There is no appendix to this safety data sheet.

### Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

### Appropriate technical measures

Ensure emergency eyewash and -showers are clearly marked.

### Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

### Measures to avoid environmental exposure

No specific requirements.

### Individual protection measures, such as personal protective equipment

According to EC-Regulation 2015/830



**Generally**

Use only CE marked protective equipment.

**Respiratory Equipment**

NA

**Skin protection**

Dedicated work clothing should be worn.

**Hand protection**

Nitrile rubber

Breakthrough time: > 480 minutes (Class 6)

**Eye protection**

Wear safety glasses with side shields.

**SECTION 9: Physical and chemical properties**

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

Form	Gel
Colour	Blue
Odour	Aromatic
Odour threshold (ppm)	No data available.
pH	3
Viscosity (40°C)	No data available.
Density (g/cm <sup>3</sup> )	1.01

**Phase changes**

Melting point (°C)	No data available.
Boiling point (°C)	No data available.
Vapour pressure	No data available.
Decomposition temperature (°C)	No data available.
Evaporation rate (n-butylacetate = 100)	No data available.

**Data on fire and explosion hazards**

Flash point (°C)	No data available.
Ignition (°C)	No data available.
Auto flammability (°C)	No data available.
Explosion limits (% v/v)	No data available.
Explosive properties	No data available.

**Solubility**

Solubility in water	Soluble
n-octanol/water coefficient	No data available.

**9.2. Other information**

Solubility in fat (g/L)	No data available.
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**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

No data available

**10.2. Chemical stability**

The product is stable under the conditions, noted in the section "Handling and storage".

**10.3. Possibility of hazardous reactions**

Nothing special

**10.4. Conditions to avoid**

Nothing special

**10.5. Incompatible materials**

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

**10.6. Hazardous decomposition products**

The product is not degraded when used as specified in section 1.

According to EC-Regulation 2015/830

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

Substance: hydrogen peroxide  
Species: Rabbit  
Test: LD50  
Route of exposure: Dermal  
Result: >2000mg/kg

Substance: hydrogen peroxide  
Species: Rat  
Test: LD50  
Route of exposure: Oral  
Result: 1193-1270mg/kg

Substance: hydrogen peroxide  
Species: Rat  
Test: LC50  
Route of exposure: Inhalation  
Result: >0,17mg/l

Substance: Hydrocarbons, C9, aromatics  
Species: Rabbit  
Test: LD50  
Route of exposure: Dermal  
Result: 3160 mg/kg

Substance: Hydrocarbons, C9, aromatics  
Species: Rat  
Test: LD50  
Route of exposure: Oral  
Result: 3492 mg/kg

Substance: Hydrocarbons, C9, aromatics  
Species: Rat  
Test: LC50  
Route of exposure: Inhalation  
Result: >6193 mg/m<sup>3</sup>

Substance: benzyl alcohol  
Species: Rabbit  
Test: LD50  
Route of exposure: Dermal  
Result: >2000 mg/kg

Substance: benzyl alcohol  
Species: Rat  
Test: LD50  
Route of exposure: Oral  
Result: 1620 mg/kg

Substance: benzyl alcohol  
Species: Rat  
Test: LC50  
Route of exposure: Inhalation  
Result: >4178 mg/l/4h

#### Skin corrosion/irritation

No data available.

#### Serious eye damage/irritation

Causes serious eye irritation.

#### Respiratory or skin sensitisation

No data available.

#### Germ cell mutagenicity

No data available.

#### Carcinogenicity

No data available.

#### Reproductive toxicity

No data available.

#### STOT-single exposure

No data available.

#### STOT-repeated exposure

No data available.

According to EC-Regulation 2015/830

**Aspiration hazard**

No data available.

**Long term effects**

This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

**SECTION 12: Ecological information**

**12.1. Toxicity**

Substance: hydrogen peroxide  
Species: Daphnia  
Test: EC50  
Duration: 48h  
Result: 2,4mg/l

Substance: hydrogen peroxide  
Species: Fish  
Test: LC50  
Duration: 96h  
Result: 16,4mg/l

Substance: hydrogen peroxide  
Species: Algae  
Test: EC50  
Duration: 72h  
Result: 1,38mg/l

Substance: Hydrocarbons, C9, aromatics  
Species: Daphnia  
Test: NOEC  
Duration: 21d  
Result: 2.14 mg/l

Substance: Hydrocarbons, C9, aromatics  
Species: Daphnia  
Test: EC50  
Duration: 48h  
Result: 3.2 mg/l

Substance: Hydrocarbons, C9, aromatics  
Species: Fish  
Test: NOEC  
Duration: 28d  
Result: 1.23 mg/l

Substance: Hydrocarbons, C9, aromatics  
Species: Fish  
Test: LC50  
Duration: 96h  
Result: 9.2 mg/l

Substance: Hydrocarbons, C9, aromatics  
Species: Algae  
Test: NOEC  
Duration: 72h  
Result: 1 mg/l

Substance: Hydrocarbons, C9, aromatics  
Species: Algae  
Test: EC50  
Duration: 72h  
Result: 2.9 mg/l

Substance: benzyl alcohol  
Species: Daphnia  
Test: EC50  
Duration: 48h  
Result: 230 mg/l

Substance: benzyl alcohol  
Species: Fish  
Test: LC50  
Duration: 96h  
Result: 460 mg/l



According to EC-Regulation 2015/830

Substance: benzyl alcohol  
 Species: Algae  
 Test: IC100  
 Duration: 72h  
 Result: 770 mg/l

### 12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
hydrogen peroxide	Yes	No data available	No data available
Hydrocarbons, C9, aromatics	Yes	Manometric Respirometry Test	78%
benzyl alcohol	Yes	Closed Bottle Test	>90%

### 12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow	BCF
hydrogen peroxide	No	-1.57	No data available
Hydrocarbons, C9, aromatics	No	4.5	No data available
benzyl alcohol	No	1.1	No data available

### 12.4. Mobility in soil

hydrogen peroxide: Log Koc= -1.164883, Calculated from LogPow ().  
 Hydrocarbons, C9, aromatics: Log Koc= 3.64195, Calculated from LogPow (Moderate mobility potential.).  
 benzyl alcohol: Log Koc= 0.94949, Calculated from LogPow (High mobility potential.).

### 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

### 12.6. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.  
 This product contains substances, which may cause adverse long-term effects to the aquatic environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste.

#### Waste

EWC code

-

#### Specific labelling

Not applicable

#### Contaminated packing

Contaminated packaging must be disposed of similarly to the product.

## SECTION 14: Transport information

### 14.1 – 14.4

Not dangerous goods according to ADR, IATA and IMDG.

#### ADR/RID

14.1. UN number	-
14.2. UN proper shipping name	-
14.3. Transport hazard class(es)	-
14.4. Packing group	-
Notes	-
Tunnel restriction code	-

#### IMDG

UN-no.	-
Proper Shipping Name	-
Class	-
PG*	-
EmS	-
MP**	-
Hazardous constituent	-

#### IATA/ICAO

UN-no.	-
Proper Shipping Name	-
Class	-
PG*	-

### 14.5. Environmental hazards

-

According to EC-Regulation 2015/830

**14.6. Special precautions for user**

-

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

No data available

(\*) Packing group

(\*\*) Marine pollutant

**SECTION 15: Regulatory information**

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

**Restrictions for application**

People under the age of 18 shall not be exposed to this product cf. Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.

**Demands for specific education**

-

**Additional information**

Not applicable

**Seveso**

-

**Biocidal reg. no.**

Not applicable

**Sources**

Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.  
The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677. The Stationery Office, 2002.

Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (CLP).

Regulation (EC) 1907/2006 (REACH).

**15.2. Chemical safety assessment**

No

**SECTION 16: Other information**

**Full text of H-phrases as mentioned in section 3**

- H226 - Flammable liquid and vapour.
- H271 - May cause fire or explosion; strong oxidiser.
- H302 - Harmful if swallowed.
- H304 - May be fatal if swallowed and enters airways.
- H314 - Causes severe skin burns and eye damage.
- H318 - Causes serious eye damage.
- H319 - Causes serious eye irritation.
- H332 - Harmful if inhaled.
- H335 - May cause respiratory irritation.
- H336 - May cause drowsiness or dizziness.
- H411 - Toxic to aquatic life with long lasting effects.
- H412 - Harmful to aquatic life with long lasting effects.
- EUH066 - Repeated exposure may cause skin dryness or cracking.

**The full text of identified uses as mentioned in section 1**

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**Additional label elements**

Not applicable

**Other**

In accordance with Regulation (EC) No. 1272/2008 (CLP) the evaluation of the classification of the mixture is based on:

The classification of the mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP)

The classification of the mixture in regard of environmental hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP)

According to EC-Regulation 2015/830

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

**The safety data sheet is validated by**

David Löwenstein

**Date of last essential change  
(First cipher in SDS version)**

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**Date of last minor change  
(Last cipher in SDS version)**

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