

## SAFETY DATA SHEET

## Cleaning gel

In accordance with Regulation (EC) No. 1907/2006, Annex II, with amendments through Regulation (EU) No. 453/2010

## Section 1: Identification of the substance/preparation and company/undertaking

### 1.1. Product identifier

Product name           CLEANING GEL

Product code           510309

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

End uses                 Shoe cleaning, Shoe care

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

Supplier                 Paul Brunngård  
 AB Elementgatan  
 10  
 504 64 Boras  
 Sweden

Tel: 46 33 723 23 00  
 Fax: 46 33 723 23 23  
 info@paulbrunngard.com

### 1.4. Emergency telephone number

National emergency telephone number           Call 112 in case of emergency and request poison information both day and night. Call your national poison information centre in case of further questions about acute poisoning. Mon - Fri 08:00 till 17:00.

## Section 2: Hazards identification

### 2.1. Classification of the substance or mixture Classification (EC 1272/2008)

Physical hazards           Not Classified

Health hazards             Skin Irrit. 2, H315  
                                   Eye Dam. 1, H318

Environmental hazards    Not Classified

### 2.2. Label elements

EG 1272/2008

Hazard pictogram           GHS05



Signal word                 Danger

Hazard statements

**SAFETY DATA SHEET****Cleaning gel**

In accordance with Regulation (EC) No. 1907/2006, Annex II, with amendments through Regulation (EU) No. 453/2010

H315 Causes skin irritation  
H318 Causes serious eye damage

**Precautionary statements**

P102 To be stored out of the reach of children.  
P264 Wash hands immediately after use.  
P280 Use protective gloves/eye protection/face 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.  
P310 Immediately call a POISON CENTER/doctor.  
P501 Dispose of contents/ container in accordance with national regulations.

Contains: Sodium dodecyl sulfate, Sodium N-(2-carboxyethyl)-N-dodecyl- $\beta$ -alaninate

**Supplementary labelling**

EG 648/2004

Contains 5-15% anionic tensides, <5% amphoteric tensides

**2.3. Other hazards**

Other hazards No further relevant information available.

**Section 3: Composition/information on ingredients****3.2. Mixtures**

<u>CAS No</u>	<u>EC No</u>	<u>[weight] (%)</u>	<u>Name</u>	<u>Classification</u>
151-21-3	205-788-1	5%	Sodium dodecyl sulfate	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318
14960-06-6	239-032-7	10%	Sodium N-(2-carboxyethyl)- N-dodecyl- $\beta$ -alaninate	Skin Irrit. 2, H315 Eye Dam. 1, H318
34590-94-8	252-104-2	5%	(2-methoxymethylethoxy) propanol	Not classified

The full text for all hazard statements is displayed in Section

16. Composition comments No comments.

**Section 4: First aid measures****4.1. Description of first aid measures**

Inhalation Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

Skin contact Wash skin thoroughly with soap and water. Cool skin rapidly after contact with melting or burning products. Obtain medical attention for thermal burns.

## SAFETY DATA SHEET

### Cleaning gel

In accordance with Regulation (EC) No. 1907/2006, Annex II, with amendments through Regulation (EU) No. 453/2010

**Eye contact** If possible, remove any contact lenses. Rinse immediately with hand warm water. Keep the eyelids wide apart. Seek medical attention if problems persist.

**Ingestion** Drink a few glasses of water or milk. DO NOT induce vomiting. Get medical attention immediately.

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

**Ingestion** May irritate the digestive system.

**Skin contact** Skin irritation.

**Eye contact** May cause severe eye damage.

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

**Notes for the doctor** Treat symptomatically.

## Section 5 Fire-fighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** Extinguish with water spray, dry chemical, carbon dioxide, or chemical foam. Cool containers with water until fire is out.

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

**Specific hazards** Heating will release harmful gases. Negligible explosion hazard.

### 5.3. Advice for firefighters

**Protective actions during firefighting** Decomposes at high temperatures, resulting in toxic and corrosive products. Containers may explode when heated. Flash point: >110°C.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## Section 6: Accidental release measures

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

**Personal precautions** For personal protection, see Section 8.

### 6.2. Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground.

**SAFETY DATA SHEET****Cleaning gel**

In accordance with Regulation (EC) No. 1907/2006, Annex II, with amendments through Regulation (EU) No. 453/2010

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

Methods for cleaning up

Flush away spillage with plenty of water.  
Flush contaminated area with plenty of water.

**6.4. Reference to other sections**

Reference to other sections

For personal protection, see Section 8.  
For waste disposal, see section 13.

**Section 7: Handling and storage****7.1. Precautions for safe handling**

Usage precautions

No specific recommendations

Advice on general occupational hygiene

No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

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

Storage precautions

Container must be kept tightly closed when not in use.

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

Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

**Section 8: Exposure controls/personal protection****8.1. Control parameters**

Exposure limit values (AFS 2018: 1)

Substance	NGV mg/m <sup>3</sup>	KTV mg/m <sup>3</sup>	Comment
-	-	-	Inga gränsvärden

Derived No Effect Level (DNEL)

No

information. Estimated No Effect Concentration (PNEC) No

information. **8.2. Exposure controls**

Protective equipment



Appropriate engineering controls

No specific ventilation requirements.

## SAFETY DATA SHEET

### Cleaning gel

In accordance with Regulation (EC) No. 1907/2006, Annex II, with amendments through Regulation (EU) No. 453/2010

Eye/face protection	Eye protection that complies with an approved standard should be worn if a risk assessment indicates that there is a risk of splashing. Access to eye shower for professional use.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.
Other skin and body protection	Not considered necessary.
Hygiene measures	No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.
Respiratory protection	Respiratory protection not required.
Environmental exposure controls	Residues and empty containers should be taken care of as hazardous waste according to local and national provisions. See section 13.

## Section 9: Physical and chemical properties

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

Appearance	Liquid
Colour	Transparent
Odour	Slight aromatic odour.
Odour threshold	Not determined.
pH	6-7
Melting point	<0°C
Initial boiling point and range	Not determined.
Flash point	>110°C
Evaporation rate	Not determined.
Evaporation factor	Not determined.
Flammability (liquid)	Not determined.
Upper/lower flammability or explosive limits	Not determined.
Other flammability	Not determined.
Vapour pressure	Not determined.
Vapour density	Not determined.
Relative density	>1 (water=1)
Solubility	Soluble.
Viscosity	Not determined.
Explosive properties	Does not present an explosion hazard.

## Section 10: Stability and reactivity

### 10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

## SAFETY DATA SHEET

### Cleaning gel

In accordance with Regulation (EC) No. 1907/2006, Annex II, with amendments through Regulation (EU) No. 453/2010

Stability Stable at normal ambient temperatures and when used as recommended.

#### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Not known.

#### 10.4. Conditions to avoid

Conditions to avoid Avoid freezing/ temperature under 0 °C.

#### 10.5. Incompatible materials

Materials to avoid No specific material or group of materials is likely to react with the product to produce a hazardous situation.

#### 10.6. Hazardous decomposition products

Hazardous decomposition products The following combustion products may be generated: carbon dioxide, carbon monoxide, water vapor, and trace volatile organic compounds.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

Toxicity to Animals

#### Sodium dodecyl sulfate CAS nr 151-21-3 (5 %)

Inhalation	LD <sub>50</sub> rat >3,9 mg/h Burning in eyes, nose, mouth and throat.
Skin contact	LD <sub>50</sub> rabbit 580 mg/kg bw Burning, redness.
Eye contact	Burning sensation. May cause serious eye damage.
Ingestion	LD <sub>50</sub> rat 1 288 mg/kg bw Burning in mouth and throat, nausea, vomiting, diarrhea.

Mixture

Toxicity for animal	LD <sub>50</sub> : Oral >5000 mg/kg.
Skin contact	May cause skin irritation.
Eye contact	May cause serious eye damage.
Allergy	Not expected to cause allergy.
Corrosive effect	Not expected to have corrosive effect.
Carcinogenicity	Not expected to be carcinogenic.
Mutagenicity	Not expected to be mutagenic.
Reproductive toxicity	Not expected to be harmful to reproduction.
Synergy effect	Unknown.

Other

**SAFETY DATA SHEET****Cleaning gel**

In accordance with Regulation (EC) No. 1907/2006, Annex II, with amendments through Regulation (EU) No. 453/2010

Likely exposure - skin.

**Section 12: Ecological information**

Ecotoxicity May cause long-term adverse effects in the environment.

Environmental precautions It must be disposed of by incineration or in an authorized waste deposit.

**12.1. Toxicity****Ingredients**

Sodium dodecyl sulfate CAS nr 151-21-3 (5 %)

LC<sub>50</sub> Fish 96h: 1,48 mg/l (Art: *Menidia beryllina*)  
EC<sub>50</sub> Daphnia 48h: 1,8 mg/l (Art: *D. magna*)  
IC<sub>50</sub> Algae 72h: 18,8 mg/l (Art: *Chlamydomonas reinhardtii*)

**Mixture**

Ekotoxicity Not considered harmful to the environment.

**12.2. Persistence and degradability****Ingredients**

Sodium dodecyl sulfate CAS nr 151-21-3 (5 %)

90-96% decomposes in 28 days OECD 301E (easily degradable)

**Mixture**

Persistence and degradability No data available on product degradability.

**12.3. Bioaccumulative potential****Ingredients**

Sodium dodecyl sulfate CAS nr 151-21-3 (5 %)

% BCF: 19

Log Pow: 1,6

**Mixture**

Bioaccumulative potential No data available on bioaccumulation. Partition coefficient Not determined.

**12.4. Mobility in soil**

Mobility The product contains substances which are water-soluble and may spread in water systems.

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

Assessment This product does not contain any substances classified as PBT or vPvB.

**12.6. Other adverse effects**

## SAFETY DATA SHEET

### Cleaning gel

In accordance with Regulation (EC) No. 1907/2006, Annex II, with amendments through Regulation (EU) No. 453/2010

Other adverse effects                      Not determined.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

General information                      Dispose of waste product or used containers in accordance with local regulations.

#### Product

Disposed product constitutes hazardous waste according to SFS 2011: 927.

Disposal code: 20 01 29\* Detergents containing hazardous substances and which according to section 13b § shall be regarded as hazardous waste.

OBSERVE – waste classification is the responsibility of the user.

#### Packaging

- ✓ *Rinse the empty package three times with water*
- ✓ *Place the bottle upside down for drainage*
- ✓ *Sort the bottle with the cork removed*

Well emptied packaging is not hazardous waste. Completely emptied packaging can be left for recycling.

General information                      See further provisions in Swedish legislation SFS 2011: 927 and European legislation DIRECTIVE 2008/98 / EC

## Section 14 Transport information

General                                      The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number                      Not applicable.

14.2. UN proper shipping name    Not applicable.

14.3. Transport hazard class(es)    No transport warning sign required.

14.4. Packing group                      Not applicable.

14.5. Environmental hazards        No.

14.6. Special precautions for user

Not applicable.

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

Not relevant.

## Section 15: Regulatory information



**SAFETY DATA SHEET****Cleaning gel**

In accordance with Regulation (EC) No. 1907/2006, Annex II, with amendments through Regulation (EU) No. 453/2010

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

EU legislation	<p>Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16<sup>th</sup> December 2008 on the classification, labelling and packaging of substances and mixtures (as amended).</p> <p>DIRECTIVE 2008/98 / EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 19<sup>th</sup> November 2008 on waste and repealing certain directives.</p> <p>REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31<sup>st</sup> March 2004 on detergents.</p>
Swedish legislation	<p>AFS 2018: 1 - Hygienic limit values</p> <p>MSBFS 2018: 5 - ADR-S 2019 - The Swedish Agency for Civil Protection and Emergency Preparedness Regulations for the transport of dangerous goods on road and off-road</p> <p>SFS 2011: 927 - Waste regulation</p>

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## Section 16: Other information

Revision date	18/12/2020
Revision	1
Supersedes date	18/12/2020
SDS number	JST201804040802

#### Hazard statements in full

H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.

### 16.1. Content

The contents and format of this SDS are in accordance with ISO Commission Directive ISO11014:2009 (GHS), Regulation (EC) No 1907/2006 (REACH) And EU Regulation EC No 1272/2008 (CLP).

### 16.2. DISCLAIMER OF LIABILITY

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### Cleaning gel

In accordance with Regulation (EC) No. 1907/2006, Annex II, with amendments through Regulation (EU) No. 453/2010

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

#### 16.3. Abbreviations and acronyms

ADR	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID	Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG	International Maritime Code for Dangerous Goods IATA: International Air Transport Association
ICAO	International Civil Aviation Organization
GHS	Globally Harmonized System of Classification and Labelling of Chemicals ACGIH American Conference of Governmental Industrial Hygienists
DNEL	Derived No-Effect Level (REACH)
PNEC	Predicted No-Effect Concentration
(REACH) LC50	Lethal concentration, 50 percent
LD50	Lethal dose, 50 percent