

525030 Shoe Deo

SDS Preparation Date (dd/mm/yyyy): 04/10/2016

SAFETY DATA SHEET

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended

SECTION 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product identifier Shoe Deo

Product Code(s) F8001 / 525030

1.2 Relevant identified uses of the substance or mixture and uses advised against
Refreshes leather, suede, Sheepskin and Nubuck.
Use pattern: Consumers.
No restrictions on use known.

1.3 Details of the supplier of the safety data sheet

Brunngård Group AB
Elementgatan 10
504 64 Borås
Sverige
Tel: 46 33 723 23 00
Fax: 46 33 723 23 23
info@brunngard.se

1.4 Emergency Telephone Number: Giftinformation 112

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Clear liquid. Perfumed odour.

Most important hazards

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

The preparation is non-dangerous in accordance with Directive 1999/45/EC.

2.2 Label elements

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. According to present data no labelling is required according to Regulation (EC) No. 1272/2008.

Detergent labelling

< 1% anionic surfactant

2.3 Other hazards

Other hazards which do not result in classification

Burning produces obnoxious and toxic fumes. Mild respiratory irritant Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Ingestion of larger amounts may cause defects to the central nervous system (e.g. dizziness, headache). May cause slight eye and skin irritation.

Environmental precautions

Avoid release to the environment.

PBT assessment

This mixture contains no substance considered to be persistent, bio accumulating nor toxic (PBT).

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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable

3.2 Mixtures

Chemical nature Mixture - Water; Odour neutralizer; glycols; Surfactant; Preservatives; Fragrances.

The following substances shall be indicated according to legislation

Chemical name	CAS #	EC No.	Concentration	EU Classification	CLP Classification
Propane-1,2-diol	57-55-6	200-338-0	0.5 - 1.5	None assigned. Substances for which there are Community workplace exposure limits.	None assigned. Substances for which there are Community workplace exposure limits.
Linear Fatty Alcohol Ether Sulfate	9004-82-4	239-925-1	0.1 – 1.5	Xi - Irritant; R38 - R41 N - Dangerous for the environment; R50 (self-classified)	Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Acute 1; H400 Aquatic Chronic 2; H411 (self-classified)

For the full text of the H and R phrases mentioned in this Section, see Section 2 or 16

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures

Ingestion

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. When symptoms persist or in all cases of doubt seek medical advice.

Inhalation

Move to fresh air. If breathing is irregular or stopped, administer artificial respiration. When symptoms persist or in all cases of doubt seek medical advice

Skin contact

Remove contaminated clothing and shoes. Wash off with plenty of water. If irritation or symptoms develop, seek medical attention. Launder clothing before reuse.

Eye contact

Rinse thoroughly with plenty of water, also under the eyelids. When symptoms persist or in all cases of doubt seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

Mild respiratory irritant

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. .

Ingestion of larger amounts may cause defects to the central nervous system (e.g. dizziness, headache).

May cause slight eye and skin irritation

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO2); Dry chemical; Alcohol-resistant foam; Water spray.

Unsuitable extinguishing media

None known.

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5.2 Special hazards arising from the substance or mixture

Not considered flammable. The pressure in sealed containers can increase under the influence of heat. Burning produces obnoxious and toxic fumes. In the event of fire the following can be released Carbon oxides; Nitrogen oxides (NOx); Ammonia; Sulphur oxides; Hydrogen chloride; Zinc oxide; other unidentified organic compounds.

5.3 Advice for firefighters

Protective equipment for fire-fighters

Wear self-contained breathing apparatus and protective suit. Fight fire with normal precautions from a reasonable distance

Special fire-fighting procedures

Move containers from fire area if safe to do so. Cool closed containers exposed to fire with water spray. Do not allow run-off from firefighting to enter drains or water courses. Dike for water control.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear suitable protective equipment. Keep people away from and upwind of spill/leak. Restrict access to area until completion of clean-up.

6.2 Environmental precautions

Do not allow material to contaminate ground water system.

6.3 Methods and material for containment and cleaning up

Ventilate the area. Remove all sources of ignition. Prevent further leakage or spillage if safe to do so. Soak up with inert absorbent material. Pick up and transfer to properly labelled containers. Contaminated absorbent material may pose the same hazards as the spilled product. Contact the proper local authorities.

6.4 Reference to other sections

Refer to protective measures listed in sections 7 and 8. Refer to Section 13 for disposal of contaminated material.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Ensure adequate ventilation. Wear suitable protective equipment. Avoid breathing vapours or mists. Avoid contact with skin, eyes and clothing. Keep away from extreme heat and direct flame. Keep away from incompatibles. Keep containers closed when not in use. Wash thoroughly after handling. Keep out of the reach of children.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool/well-ventilated place. Inspect periodically for damage or leaks. Keep container tightly closed when not in use. Keep out of the reach of children. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel.

7.3 Specific end use(s)

Leather care - Refreshes leather, suede, Sheepskin and Nubuck.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

<u>Exposure Limits</u>			
<u>Chemical Name</u>	<u>Exposure Limits</u>	<u>Type</u>	<u>Notes</u>
Linear Fatty Alcohol Ether Sulfate	None known.	European Union (OEL)	None.

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Propane-1,2-diol	150 ppm (474 mg/m ³) (total particles and vapor); 10 mg/m ³ (particles) (TWA)	Croatia(OEL)	None.
	7 mg/m ³ (TWA)	Latvia (OEL)	None.
	7 mg/m ³ (TWA)	Latvia (OEL)	None.
	150 ppm (474 mg/m ³) (total particulate and vapour); 10 mg/m ³ (particulate) (TWA)	The United Kingdom (The United Kingdom (WELs))	None.

8.2 Exposure controls

Ventilation and engineering measures

Provide adequate ventilation. Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. In case of insufficient ventilation wear suitable respiratory equipment.

Respiratory protection

none required when used as intended.

In the case of vapour formation use a respirator with an approved filter. The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.

Skin protection

none required when used as intended. For prolonged skin exposure, gloves impervious to the material are recommended. The suitability for a specific workplace should be discussed with the producers of the protective gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/689/EEC and the standard EN 374 derived from it. Wear sufficient clothing to prevent skin contact.

Eye / face protection

none required when used as intended. If splashes are likely to occur, wear tightly fitting safety goggles; Safety glasses with side-shields. See also EN 166.

Other protective equipment

Ensure that eyewash stations and safety showers are close to the workstation location.

General hygiene considerations

Avoid breathing vapours, fumes, or mists. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Remove and wash contaminated clothing before re-use. Handle in accordance with good industrial hygiene and safety practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Clear liquid.
Odour	Perfumed odour
Odour threshold	No information available
pH	4.2 - 7.0
Flash point	does not flash
Flashpoint (Method)	closed cup
Lower flammable limit (% by vol.)	No information available
Upper flammable limit (% by vol.)	No information available
Flammability (solid, gas)	Not applicable
Auto-ignition temperature	No information available
Decomposition temperature	No information available
Oxidizing properties	none known.
Explosive properties	not explosive
Initial boiling point and boiling range	105°C
Melting/Freezing point	- 5°C
Relative density	1.0 (approximately)
Solubility in water	soluble (100%)
Other solubility(ies)	No information available.
Vapour pressure	No information available.
Vapour density	No information available

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Partition coefficient n-octanol/water	No information available
Viscosity	60 - 100 mm ² /sec @ 40°C
Evaporation rate (BuAe = 1)	No information available

9.2 Other Information

(% by weight)	< 0.5%
Volatile organic Compounds (VOC's)	No information available.
Other physical/chemical comments	No additional information.

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity	Not normally reactive.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	Hazardous polymerization does not occur
10.4 Conditions to avoid	Direct sources of heat. Do not use in areas without adequate ventilation. Avoid contact with incompatible materials
10.5 Incompatible materials	Strong oxidizing agents; Strong acids; Strong bases
10.6 Hazardous decomposition products	Burning produces obnoxious and toxic fumes. In the event of fire the following can be released Carbon oxides; Aldehydes; Nitrogen oxides (NOx); Ammonia; Sulphur oxides; Hydrogen chloride; Zinc oxide; Other unidentified organic compounds

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological effects

Acute toxicity	According to the classification criteria of the European Union, this product is not considered as being an acutely toxic chemical.
Skin corrosion/Irritation	According to the classification criteria of the European Union, this product is not considered as being a skin corrosive or irritant
Serious eye damage/irritation	According to the classification criteria of the European Union, the product is not considered as being an eye irritant.
Respiratory or skin sensitization	According to the classification criteria of the European Union, this product is not considered as being an allergic respiratory sensitizer. According to the classification criteria of the European Union, this product is not considered as being an allergic skin sensitizer.
Germ cell mutagenicity	Contains no ingredient listed as a mutagen
Carcinogenicity	Contains no ingredient listed as a carcinogen
Reproductive toxicity	Contains no ingredient listed as toxic to reproduction
STOT-single exposure	According to the classification criteria of the European Union, this product is not expected to cause target organ toxicity through a single exposure.
Aspiration hazard	According to the classification criteria of the European Union, this product is not considered as being an aspiration hazard to humans.
Toxicological data	There is no available data for the product itself, only for the ingredients. See below for individual ingredient acute toxicity data.

Chemical name	LC ₅₀ (4hr) inh, rat	LD ₅₀	
		(Oral, rat)	(Rabbit, dermal)
Propane-1,2-diol	No information available.	21 800 mg/kg	20 800 mg/kg
Linear Fatty Alcohol Ether Sulfate	No information available.	> 5000 mg/kg	> 2000 mg/kg

Routes of exposure Eye contact; Skin contact; Inhalation; Ingestion.
Effects of acute exposure *Inhalation:* Inhalation of mists or sprays may mildly irritate the upper respiratory tract and cause coughing or sneezing.

Skin contact: Direct skin contact may cause slight or mild, transient irritation.

Eye contact: May cause slight irritation. May cause redness and tearing (watering).

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Ingestion: May cause nausea, vomiting, and diarrhea. Ingestion of larger amounts may cause defects to the central nervous system (e.g. dizziness, headache).

Potential Chronic Health Effects

None known or reported by the manufacturer

Other important hazards

None known or reported by the manufacturer.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity

No data is available on the product itself. Should not be released into the environment. See the following tables for individual ingredient ecotoxicity data.

Ecotoxicity data

Ingredients	CAS No	Toxicity to Fish		
		LC ₅₀ / 96h	NOEC / 21 day	M Factor
Propane-1,2-diol	57-55-6	> 18 000 mg/L	No information available	None.
Linear Fatty Alcohol Ether Sulfate	9004-82-4	No information available	No information available	None.

Ingredients	CAS No	Toxicity to Daphnia		
		EC ₅₀ / 48h	NOEC / 21 day	M Factor
Propane-1,2-diol	57-55-6	> 18 000 mg/L	No information available	None.
Linear Fatty Alcohol Ether Sulfate	9004-82-4	3.12 mg/L (Ceriodaphnia magna)	No information available	None.

Ingredients	CAS No	Toxicity to Algae		
		EC ₅₀ / 96h or 72h	NOEC / 96h or 72h	M Factor
Propane-1,2-diol	57-55-6	> 18 000 mg/L	No information available	None.
Linear Fatty Alcohol Ether Sulfate	9004-82-4	No information available	No information available	None.

12.2 Persistence and degradability

No data is available on the product itself.

12.3 Bioaccumulation potential

The following ingredients are considered to be readily biodegradable Propane-1, 2-diol. The product itself has not been tested.

12.4 Mobility in soil

The product itself has not been tested

12.5 Results of PBT and vPvB assessment

This mixture contains no substance considered to be persistent, bio accumulating nor toxic (PBT).

12.6 Other Adverse Environmental effects

None known.

Water contaminating class (Germany)

No information available.

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SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods




Handling for Disposal

Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8.

Methods of Disposal

Dispose of in accordance with the European Directives on waste and hazardous waste. Waste must be classified and labelled prior to recycling or disposal. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

SECTION 14. TRANSPORTATION INFORMATION

Regulatory Information	14.1 UN Number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing Group	Label
ADR/RID	None.	not regulated	not regulated	None	
EU ADR/RID Classification Code	Not applicable.				
EU ADR / RID Hazard Identification Number	Not applicable.				
ADR/RID Additional information	Not classified as dangerous for conveyance in the meaning of the regulations for the transport of dangerous goods by road and rail.				
ICAO/IATA	None.	Not regulated.	not regulated	None	
ICAO/IATA Additional information	None.				
IMDG	None.	Not regulated.	not regulated	None	
IMDG Additional information	None.				

14.5 Environmental hazards

This product does not meet the criteria for an environmentally hazardous mixture, according to the IMDG Code. See ECOLOGICAL INFORMATION, Section 12.

14.6 Special precautions for user

Appropriate advice on safety must accompany the package

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

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SECTION 15. REGULATORY INFORMATION

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

1. Substances presenting a physical, health or environmental hazard within the meaning of Regulation (EC) No. 1272/2008.
2. Classification according to Regulation (EC) No. 1272/2008 on the classification of hazardous mixtures.
3. This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended [including Regulation (EU) No. 453/2010].
4. In accordance with the legislation of the United Kingdom.
5. German legislation on water endangering substances VwVwS (see Section 12).

15.2 Chemical safety assessment A chemical safety assessment has not been carried out by the Manufacturer of this product.

SECTION 16. OTHER INFORMATION

Legend

ADR European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS Chemical Abstract Services
CLP Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
EC European Community
EEC European Economic Community
EINECS European Inventory of Existing Commercial chemical Substances
EN European Standard
EU European Union
HSDB Hazardous Substances Data Bank
IATA International Air Transport Association
IBC Intermediate Bulk Container
ICAO International Civil Aviation Organization
IMDG International Maritime Dangerous Goods
LC Lethal Concentration
LD Lethal Dose
OECD Organisation for Economic Co-operation and Development
OEL National occupational exposure limits
RID Regulations concerning the International Carriage of Dangerous Goods by Rail
RTECS Registry of Toxic Effects of Chemical Substances
SDS Safety Data Sheet
STEL Short Term Exposure Limit
TWA Time Weighted Average
WEL Workplace Exposure Limit

Information Source

1. Material Safety Data Sheet from manufacturer.
2. Canadian Centre for Occupational Health and Safety, CCIInfoWeb Databases, 2014 (Chempendium, RTECs, HSDB, INCHEM).
3. European Chemicals Bureau, Existing Chemicals Work Area, EINECS Information System, 2014.
4. European Chemicals Agency, Classification Legislation, 2014.
5. OECD - The Global Portal to Information on Chemical Substances - eChemPortal, 2014

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H & R-Phrases (Full text) Not applicable

Other special considerations for handling Provide adequate information, instruction and training for operators.

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