

SAFETY DATA SHEET In accordance with EU Regulation No. 453/2010	Date of issue: 29/04/2013
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## SECTION 1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE ENTERPRISE

### 1.1. Product ID.

Trade name: Shoe Deo

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

Shoe Deo-shoe deodorant prevents the growth of odor-causing bacteria feet. This ensures a feeling of freshness and purity. Gently cools the feet. Increases comfort footwear.

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

Supplier: KAPS Sp. z o.o.

Address: 32-765 Rzezawa, ul. Przemysłowa 40, POLAND

Phone / Fax: +48 14 612 77 30 / +48 14 612 77 14

E-Mail: kaps@kaps.com.pl

### 1.4. Emergency telephone number.

+48 14 612 77 30, open Monday to Friday 7:30 - 16:00

## SECTION 2 HAZARDS IDENTIFICATION

### 2.1. Classification of the mixture.

Risks	Classification according to Directive 1999/45/EC	Classification according to CLP
The resulting physical and chemical properties	Flammable (F, R10)	Flammable liquid and vapor (Flam. Flam.Liq.3; H226)
for a human	Works drażniąco the skin (Xi, R38) Repeated exposure may cause skin dryness or cracking (R66). Vapours may cause drowsiness and dizziness (R67).	Irritating to the skin (Acute Tox. 2, H315) May cause drowsiness or teach dizziness (STOT SE 3, H336)
for the environment	not classified	not classified

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## 2.2. label elements

Symbol, warning signs:



F; flammable

Symbol, warning of the CLP:



Caution!

Hazard statements:

R 10 - Flammable

R 38 - Irritating to skin.

R 67 - Vapours may cause drowsiness and dizziness.

Hazard statements for the CLP:

H 226 - Flammable liquid and vapor

H315 - Causes skin irritation.

H 336 - May cause drowsiness or teach dizziness

Phrases for use:

S2 Keep out of the reach of children.

S16 Keep away from sources of ignition + Do not smoke.

S23 Do not breathe gas / fumes / vapor / spray.

Phrases based application. CLP:

P 102 - Keep away from children.

P 210 - Keep away from sources of sparks / open flames / hot surfaces. no smoking

P 211 - Do not spray on an open flame or other ignition source

P 251 - ciesnieniem container. Do not pierce or burn, even after use.

P 261 - Avoid breathing spray

## 2.3. Other threats

They are not known.

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### SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Name of the substance	% Wt.	product ID	Classification according to Directive 67/548/EEC		Classification by Regulation (EC) No 1272/2008 (CLP)	
			hazard symbol	R phrases	hazard class	H phrases
L-menthol	ok. 0,7	Numer CAS 2216-51-5 Numer WE 218-690-9	Xi	R 38	Skin Irrit. 2	H315
Etanol	ok. 45	Numer CAS: 64-17-5 Numer WE 200-661-7	F	R11	Flam. Liq. 2	H225

List of R-phrases and H - see. Section 16 of the SDS.

### SECTION 4 FIRST AID MEASURES

#### 4.1. Description of first aid measures

Inhalation:

In the event of exposure by inhalation remove casualty from exposure, lie down in any position. If dyspnea trained personnel provide oxygen.

Contact with skin

After contact with skin, remove clothing, wash skin thoroughly with soap and water (if there are no burns). If symptoms of irritation of the skin - dermatological consultation.

Eye Contact

In the case of immediate contact with skin eye rich cold water rinse for at least 15 minutes. Avoid strong stream of water due to the risk of mechanical damage to the cornea.

consumption

If swallowed, do not induce vomiting. Give to drink about 150ml of liquid paraffin. Do not give to drink milk, fat and alcohol. Call a physician.

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## SECTION 5 FIRE FIGHTING MEASURES

### 5.1. Extinguishing agents

Proper extinguishing media: dry chemical, carbon dioxide, alcohol-resistant foam, water - spray or fog

Unsuitable extinguishing media: water jet

### 5.2. Specific hazards of the mixture

Caution! Pressurized container - danger of explosion. During combustion, the product may produce hazardous decomposition products - oxides of carbon.

### 5.3. Advice for firefighters

Cool endangered containers with water spray. Make sure that there is no direct contact with water. Do not allow to enter waste water fire-fighting water or drains. The resulting waste and residues from fire debris disposed of in accordance with local regulations. People involved in fire fighting should be trained and equipped with proper clothing and protective equipment.

## SECTION 6 ACCIDENTAL RELEASE TO THE ENVIRONMENT

### 6.1. Personal precautions, protective equipment and procedures in case of emergency

Avoid contact with eyes. Do not breathe spray. Use personal protective equipment - see. section 8 of SDS.

### 6.2. Measures for environmental protection

Prevent product from entering soil, sewers, waterways.

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

Remove all sources of ignition. Contain spillage of the product eg by bunding. Sprinkle the product with absorbent material (eg dry sand) and place in a specially designed and labeled containers. Recover or be disposed of in accordance with local regulations. Soiled area with plenty of water.

### 6.4. Reference to other sections

Refer also to sections 8 and 13 of the safety data sheet.

## SECTION 7 HANDLING AND MIXTURES AND STORAGE

### 7.1. Precautions for safe handling

Use with adequate ventilation. Caution! Pressurized container. Protect from direct sunlight and temperatures over 50 ° C. Even after use Do not pierce or burn. Do not spray on a naked flame or any incandescent material, Keep away from sources of ignition, do not smoke, keep out of reach of children. Do not weld and do not puncture the container. Use grounding and explosion-proof equipment. Avoid accumulation of goods. Take the usual precautions for handling the product - do not drink, do not eat or smoke. Wash hands before and after handling the product. Use personal protective equipment - see. section 8 of SDS.

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

Store in the original container at room temperature. Recommended packaging materials: steel, polyethylene, polypropylene, Teflon, materials resistant to hydrocarbons. Do not use: rubber and solvent-sensitive materials.

### 7.3. Specific use (ing) the final

There are no known

## SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1. Control parameters

Name of the substance	NDS [mg/m <sup>3</sup> ]	NDSCh [mg/m <sup>3</sup> ]	NDSP [mg/m <sup>3</sup> ]
etanol	1900	-	-

### 8.2. Exposure controls

#### Appropriate engineering controls:

Adequate ventilation capable of maintaining concentrations below exposure limits.

Recommended eyewash unit and the ground.

#### Eye protection:

Safety goggles.

#### Skin protection:

Impervious gloves.

#### Respiratory protection:

Protective mask in case of inadequate ventilation.

#### Thermal hazards:

They are not known.

#### Environmental exposure controls:

Avoid pouring the mixture into the soil, sewers, waterways.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance	A colorless liquid
pH	n.a.
Smell	characteristic
Solubility in water	soluble
Auto-ignition temperature	n.a.
Vapor density	n.a.
Density	n.a.

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## 9.2. Other Information

They are not known.

## SECTION 10 STABILITY AND REACTIVITY

### 10.1. reactivity

The mixture is not reactive.

### 10.2. Chemical Stability

The product is stable under normal ambient conditions, and the anticipated temperature and pressure expected during storage and handling of it.

### 10.3. Possibility of hazardous reactions

They are not known.

### 10.4. Conditions to avoid:

Avoid ignition sources, sunlight and temperatures above 50 ° C.

### 10.5. Materials to avoid

Strong oxidizers.

### 10.6. Hazardous decomposition products

They are not known. Products resulting from the fire environment, see. Section 5 of the safety data sheet.

## SECTION 11 TOXICOLOGICAL INFORMATION

ethanol

Acute toxicity - LD50 - 7060 mg / kg (oral, rat)

Acute toxicity - LC50> 20000 ppm/10h (inhalation, rat, 4h)

L-menthol

LD50 - 3180 mg / kg (orally, rat)

LD50> 5000 mg / kg (dermal, rabbit)

### Irritation:

Irritating to eyes.

### Corrosion:

Based on available data, the classification criteria are not met.

### Sensitization:

Based on available data, the classification criteria are not met.

### Repeated dose toxicity:

Vapours may cause drowsiness and dizziness. Harmful by inhalation danger of serious damage to health by prolonged exposure.

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### **Carcinogenesis:**

Based on available data, the classification criteria are not met.

### **Mutagenesis:**

Based on available data, the classification criteria are not met.

### **Reproductive toxicity:**

Based on available data, the classification criteria are not met.

## **SECTION 12 ECOLOGICAL INFORMATION**

### **12.1. toxicity:**

ethanol

EC50: 8149 mg/l/48h (fish)

EC50: 9268-14221 mg/l/48h (dafne)

IC5: 5000 mg/l/7d (algae)

EC5: 6500 mg/l/16h (bacteria)

## **SECTION 13 DISPOSAL CONSIDERATIONS**

### **13.1. Waste treatment methods**

Waste should be disposed of in each case (recovered or disposed) in accordance with the national legislation on waste.

Packaging waste shall be disposed of and / or recovery of waste by the holder in accordance with certain rules.

*The Act of 27 April 2001 on waste (OJ No. 62, item. 628 with subsequent amendments).*

*Act of May 11, 2001. on packaging and packaging waste (Journal of Laws No. 63, item 638., as amended).*

*Regulation of the Minister of Environment of 27 September 2001 on waste (OJ 112.poz. 1206 with amendments).*

## **SECTION 14 TRANSPORT INFORMATION**

The product subject to regulations concerning the transport of dangerous goods.

**14.1. UN number (UN number)** not applicable

**14.2. Proper shipping name** Aerosols, flammable

**14.3. Class (Jy) for transportation.** not applicable

**14.4. Packing Group** Not applicable

**14.5. Environmental hazards** Not applicable

**14.6. Special precautions for user** Not applicable

**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. Laws concerning the safety, health and environmental regulations specific for the substance or mixture

The Act of 25 February 2011 on chemical substances and mixtures (OJ 2011 No. 63, item. 322)

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (OJ corrected. Gazette. L 136, 29.5.2007, as amended. changes)

Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals

(REACH) (OJ. L 133, 31.05.2010)

Regulation of the European Parliament and Council Regulation (EC) No 1272/2008 of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC ) No 1907/2006 (OJ. EU No. L 353 of 31.12.2008, as amended. changes)

Regulation of the Minister of Health of 2nd September 2003 on criteria and classification of chemical substances and products (Journal of Laws of 2003 No. 171, item. 1666, of 2004 No. 243, item. 2440, with 2007 . No. 174, item. 1222, of 2009 No. 43, item. 353)

Regulation of the Minister of Health on 5 March 2009 on the labeling of chemical substances and chemical preparations and chemical preparations (Journal of Laws No. 53, item. 439, as amended)

Regulation of the Minister of Health on 8 February 2010 on the list of dangerous substances with classification and marking (Journal of Laws of 2010 No. 27, item. 140)

Regulation of the Minister of Health on 2 February 2011 on the tests and measurements of harmful factors in the work environment (OJ 2011 No. 33, item. 166)

Regulation of the Minister of Economy of 5 November 2009 on detailed requirements for aerosol products (Journal of Laws of 2009 No. 188, item. 1460)

Regulation of the Minister of Economy of 21 December 2005 on essential requirements for personal protective equipment (Journal of Laws of 2005 No. 259, item. 2173)

Minister of Health and Social Care of 30 May 1996 on the medical examinations of employees, the prevention of health care and medical certificates issued for the purposes stated in the Labour Code (Journal of Laws of 1996 No. 69, item. 332, of 1997 No. 60, item. 375, of 1998 No. 159, item. 1057, of 2001 No. 37, item. 451, No. 128, item. 1405; of 2010 No. 240, item. 1611)

Regulation of the Minister of Labour and Social Policy of 26 September 1997 on the general safety and health (uniform text. Laws of 2003 No. 169, item. 1650, of 2007 No. 49, item. 330; of 2008 No. 108, item. 690)

Regulation of the Minister of Health of 30 December 2004 on health and safety at work regulations apply to workplace chemicals (Journal of Laws of 2005 No. 11, item. 86, of 2008 No. 203, item. 1275 )

The Act of 24 August 1991 on fire protection (consolidated text. Laws of 2009 No. 178, item. 1380, of 2010 No. 57, item. 353)

The Act of 28 October 2002 on the transport of dangerous goods by road (Journal of Laws of 2002 No. 199, item. 1671, as amended. Changes).

### 15.2. Chemical Safety Assessment

The manufacturer has not made the CSA mixture. Classification method of calculation performed.



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## SECTION 16 OTHER INFORMATION

The changes introduced by the update:

Not applicable.

Abbreviations and acronyms used in the safety data sheet

NDS maximum concentration

OSHA maximum instantaneous concentration

TLV maximum ceiling concentration

Derived DNEL (calculated) level does not cause changes (Derived No Effect Level)

PNEC Predicted concentration causing changes in the environment (Predicted No Effect Concentration)

LD50 dose at which the observed death in 50% of animals tested

LC50 concentration at which the observed death in 50% of animals tested

EC50 concentration at which 50% of the observed increase or decrease in growth rate

vPvB (substance) very persistent and very bioaccumulative

PBT (substance) Persistent, bioaccumulative and toxic

Literature and data sources:

Laws set forth in sections 2 - 15 sheet. Information on the components of the mixture delivered from the manufacturer. IUCLID database.

**List of relevant R phrases, hazard statements, phrases indicating the safety and precautionary statements that are not given in full under Sections 2 J 15 of the SDS.**

R11 - Highly flammable.

R 38 Irritating to eyes and skin.

H225 - Highly flammable liquid and vapor.

H315 - Causes skin irritation.

**Recommendations for the training of employees:**

Recommended read for workers with standard procedures for handling chemicals. Charter are based on product composition of the national provisions in force at the time the Charter and knowledge.

The information contained in the Charter should be regarded only as an aid to safe use as well as in transport, distribution and storage. The card is not a certificate of product quality. The information contained in the Charter apply only to that product and can not be transferred to similar products.

The author is not liable as a result of misuse of the information contained in the Charter.