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

1.1	Product identifier				
	Product name:	Power Screen / Ękcoscreen			
	Registration number:	not required, the product is a mixture, not a compound			
	Other means of identification:	not set			
1.2	Relevant identified uses of the substance or mixture and uses advised against				
	Identified uses:	deodorant urinal sieve			
	Uses advised against:	not set			
1.3	Details of the supplier of the safety data sheet				
	Distributor:	iVo Group Ltd Chestnut Court Otterham Quay Lane Rainham ME8 8AS 08450340150 www.ivo-group.com			
	Competent person responsible for the Safety Data Sheet: SDS Manager, iVo Group, 08450340150				
1.4	Emergency telephone number				
	08450340150				

SECTION 2: HAZARDS IDENTIFICATION

General classification of the mixture: the mixture **is not** classified as hazardous in compliance with Regulation (EC) No 1272/2008.

	Important health effects:	The mixture is not classified as hazardous for human health. No adverse effects are expected under normal condition of use. Direct contact with eye can cause mild and transient irritation. Prolonged or repeated skin contact may cause removal of natural fat from the skin resulting and mild irritation. Ingestion of large amount may lead to stomachache, vomiting, diarrhea or other gastrointestinal problems.			
	Important environmental effects:	The mixture is not classified as hazardous for the environment. No adverse effects are expected under normal condition of use.			
2.1	Classification of the substance or mixture				
	Classification in accordance with 1272/2008/EC:	The mixture is not classified as hazardous.			
2.2	Label elements				
	Contains:	not required			
	Hazard pictograms:	not required			
	Signal word:	not required			
	Hazard statements:	not required			
	Supplemental hazard information:	not required			

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according Regulation EC No. 1907/2006 (REACH), Regulation EC No. 1272/2008 (CLP)
and Commission Regulation EU No. 453/2010

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Supplemental label elements for certain mixtures:	not required
Precautionary statements:	not required
Other required labeling:	not required

2.3 Other hazards
Results of PBT and vPvB assessment: The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII; the substances in the mixture are not included in the Candidate List of SVHC.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture of parfums s and auxiliary compounds on a polymeric carrier.

3.1	Substances does not apply
3.2	Mixtures Substances presenting a health or environmental hazard within the meaning of the Regulation (EC) No. 1272/2008, assigned a Community/national workplace exposure limit, classified as PBT/vPvB or included in the Candidate List: none

Substance <i>REACH Registration number</i>	Content (% w/w)	EC Number CAS Number Index Number	Classification 1272/2008/EC*	Exposure limits
-	-	-	-	-

* For full wording of used classification abbreviations and Hazard Statements (H-phrases) see Section 16.

SECTION 4: FIRST AID MEASURES

4.1	Description of first aid measures Observe all user considerations and safety measures stated on the packaging. No adverse health effects are expected under normal conditions of use. In case of any unexpected accident, health problem or uncertainty seek medical attention and provide information from this Safety Data Sheet. Unconscious persons place in the stabilized position and observe the breathing. Never give any fluids to unconscious persons.
Inhalation:	As of the physical status inhalation of aerosols / vapours is not expected. In case of rare problem upon inhalation of vapours / aerosols remove affected person from further exposure. For those providing assistance, avoid exposure to yourself or others. Use adequate respiratory protection. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing has stopped, assist ventilation with a mechanical device or use mouth-to-mouth resuscitation and call immediately medical emergency.
Skin contact:	Immediately remove all soiled or stained clothing. Wash the affected area immediately and repeatedly with soap and water. Use appropriate regenerating cream. Seek medical advice if the skin irritation persists.
Eye contact:	Keep eyelids open and rinse immediately and repeatedly with copious amount of water for at least 10 - 15 minutes. Remove contact lenses, if present and easy to do. Seek medical advice if the eye irritation persists (preferably an ophthalmologist).
Ingestion:	Because of physical status accidental swallowing not expected. If swallowed intentionally, rinse mouth with water and allow affected person to drink some water or milk (however, only if the person is conscious). Do not induce vomiting! In case of spontaneous vomiting avoid aspiration of the vomits. In case of persistent problems get medical attention and show this Safety Data Sheet or product label!
4.2	Most important symptoms and effects, both acute and delayed The mixture is not classified as hazardous for human health. No adverse effects are expected under normal condition of use. Direct contact with eye can cause mild and transient irritation. Prolonged or repeated skin contact may cause removal of natural fat from the skin resulting and mild irritation.. Swallowing of larger amount may lead to stomachache, vomiting, diarrhea or other gastrointestinal problems.

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4.3 Indication of any immediate medical attention and special treatment needed
No specific therapy known. Use supporting and symptomatic treatment. Be very careful in case of vomiting or gastric lavage.

SECTION 5: FIREFIGHTING MEASURES

5.1	Extinguishing media				
	Suitable extinguishing media:	water spray, alcohol resistant foam, dry-powder, carbon dioxide or other extinguishing gases			
	Unsuitable extinguishing media:	direct water stream, may spread the fire			
5.2	Special hazards arising from the substance or mixture	Incomplete combustion and thermolysis may produce toxic, irritating and flammable decomposition products (such as carbon monoxide, carbon dioxide, sooth, aldehydes and other products of organic compounds decomposition, Sulphur oxides).			
5.3	Advice for fire-fighters	Fire-fighters should always use standard protective equipment, helmets and in enclosed spaces, self-contained breathing apparatus (SCBA) - risk of irritating, toxic or flammable decomposition products. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. Use water spray to cool fire exposed surfaces and to protect personnel. If possible, try to move the containers from the fire vicinity. Prevent run-off from fire control or dilution from entering streams, sewers or drinking water supply.			

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1	Personal precautions, protective equipment and emergency procedures	Observe all user considerations and safety measures. Avoid contact with eyes and mucous membranes, avoid long-term contact with skin. All unprotected persons should be restraint. See Section 8 for advice on the minimum requirements for personal protective equipment. Additional protective measures may be necessary, depending on the specific circumstances and/or the expert judgment of the emergency responders.			
6.2	Environmental precautions	Not needed.. In case of serious leakage inform appropriate authorities responsible for environmental protection.			
6.3	Methods and materials for containment and cleaning up	Collect mechanically; put in appropriately labeled containers with a lid. Dispose according to valid legislation; send to wastes treatment facility. See Section 13 for appropriate procedures. Wash all areas with large amount of water and appropriate detergent.			
6.4	Reference to other sections	Adhere to instructions in the section 8 and 13.			

SECTION 7: HANDLING AND STORAGE

7.1	Precautions for safe handling	Observe all user considerations, safety measures and exposure limits. Avoid contact with skin, eyes and mucous membranes. See Section 8 for advice on the minimum requirements for personal protective equipment. Manipulate carefully to avoid accidental leak. Do not eat, drink or smoke when manipulating with the product.			
7.2	Conditions for safe storage, including any incompatibilities	Store in tightly closed original packages or in appropriately labeled substitute containers. Store in dry, banded spaces, protected from weather effects. Keep away from direct sunlight and, heat sources and ignition sources. Recommended storage temperature: 5 - 30°C. Keep out of the reach of children. Keep away from food, beverages and forage.			
7.3	Specific end uses	not specified			

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Exposure limits (Czech Republic, Government Regulation No. 361/2007 Coll.):

CAS	Substance name	NPEL
-	-	-

Indicative biological limits: not set

Indicative occupational exposure limit ES (2000/39/EC, Directive 2006/15/EC and Directive 2009/161/EC): not set

CAS	Substance name	OEL
-	-	-

Other recommended values: not set

CAS	Substance name	OEL - equivalents
-	-	-

DNEL: not set

PNEC: not set

8.2 Exposure controls

Appropriate engineering controls:

Avoid contact with skin, eyes and mucous membranes. Ensure adequate ventilation. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation. Information on the selection of protective equipment for use with this material, as provided below, is based upon intended, normal usage.

Individual protection measures, such as personal protective equipment:

a) Eye / face protection

Not needed under normal conditions of use. Avoid contact with eyes. If specific usage involves possibility of eye contact (filling, emergency procedures), use of safety glasses with side shields (EN 166) is recommended.

b) Skin protection:

Not needed under normal conditions of use. Chemical-resistant protective gloves are recommended for long-term contact. CEN standards EN 420 and EN 374 provide general requirements and lists of glove types. Recommended material: fluorinated rubber, nitril-, butyl-rubber $\geq 0,4$ mm., breakthrough time >240 min. (EN 374-1). Do not wear rings, watches or other items that should retain the mixture on the skin.

Note: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier. Inspect and immediately replace worn or damaged gloves.

c) Respiratory protection:

Not usually required under appropriate ventilation or exhaustion at the workplace.

d) Thermal hazards:

No such risk when normally used.

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Environmental exposure controls:

Comply with applicable environmental regulations limiting discharge to air, water and soil. Protect the environment by applying appropriate control measures to prevent or limit emissions. All storage and manipulation areas have to be equipped for the sanitation of possible leakage. See information in sections 6 and 12.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Properties	value	method / condition
Appearance:	solid polymer / sieve	20°C
Colour:	various, according to specifications	-
Odour:	various, according to specifications	-
Odour threshold:	information not available	-
pH:	information not available	-
Melting point/freezing point:	information not available	-
Initial boiling point and boiling range:	information not available	-
Flash point:	> 93°C	-
Evaporation rate:	information not available	-
Flammability (solid, gas)	information not available	-
Upper/lower flammability or explosive limits:	information not available	-
Vapour pressure:	< 0,5 mm Hg	20°C
Vapour density:	information not available	-
Relative density:	information not available	-
Solubility/ies:	very slowly partly soluble in water	water, 20°C
Partition coefficient: n-octanol/water:	information not available	-
Auto-ignition temperature:	information not available	-
Decomposition temperature:	information not available	-
Viscosity:	information not available	-
Explosive properties:	not explosive	-
Oxidising properties:	no oxidative properties	-

9.2 Other information

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SECTION 10: STABILITY AND REACTIVITY

10.1	Reactivity Not reactive under normal conditions of storage and use.
10.2	Chemical stability Mixture is chemically stable under normal conditions of storage and use.
10.3	Possibility of hazardous reactions Not known.
10.4	Conditions to avoid Stable under normal conditions. Keep away from direct sunlight, heat sources and ignition sources.

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10.5	Incompatible materials Strong oxidants, acids and alkalis
10.6	Hazardous decomposition products Material does not decompose at ambient temperatures. Incomplete combustion and thermolysis may produce toxic, irritating and flammable decomposition products (such as carbon monoxide, carbon dioxide, sooth, aldehydes and other products of organic compounds decomposition, sulphur oxides).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1	Information on toxicological effects No adverse health effects are expected under normal conditions of use.
a)	<i>Acute toxicity</i> Based on available data, the classification criteria are not met. No toxicology data for the mixture. Based on the composition the mixture has low acute toxicity - no adverse health effects are expected under normal conditions of use. Ingestion of large amount may lead to stomachache, vomiting, diarrhea or other gastrointestinal problems.
b)	<i>Skin corrosion/irritation</i> Based on available data, the classification criteria are not met. Prolonged or repeated skin contact may cause removal of natural fat from the skin resulting and mild irritation. However, these effects are not reasons for classification.
c)	<i>Serious eye damage/irritation</i> Based on available data, the classification criteria are not met. Direct contact with eye can cause mild and transient irritation. However, these effects are not reasons for classification.
d)	<i>Respiratory or skin sensitisation</i> Based on available data, the classification criteria are not met. Compounds have no sensitizing potential.
e)	<i>Germ cell mutagenicity</i> Based on available data, the classification criteria are not met. Compounds have no potential for mutagenicity.
f)	<i>Carcinogenicity</i> Based on available data, the classification criteria are not met. Compounds have no potential for carcinogenicity.
g)	<i>Reproductive toxicity</i> Based on available data, the classification criteria are not met. Compounds have no potential for reproductive toxicity.
h)	<i>STOT-single exposure</i> Based on available data, the classification criteria are not met.
i)	<i>STOT-repeated exposure</i> Based on available data, the classification criteria are not met. Based on composition and applicable amounts, not expected to cause specific damage from prolonged or repeated exposure upon normal conditions of use.
j)	<i>Aspiration hazard</i> Based on available data, the classification criteria are not met.

SECTION 12: ECOLOGICAL INFORMATION

The mixture is not classified as hazardous for the environment.

12.1	Toxicity Not measured for the mixture. Based on the composition the mixture is not classified as hazardous for the environment. No adverse effects are expected under normal condition of use.
12.2	Persistence and degradability No data for the mixture.
12.3	Bioaccumulative potential No data for the mixture. Components have no known bioaccumulative potential.
12.4	Mobility in soil No data for the mixture. The mixture is insoluble in water.

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12.5	Results of PBT and vPvB assessment The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII; the substances in the mixture are not included in the Candidate List of SVHC
12.6	Other adverse effects not known

SECTION 13: DISPOSAL CONSIDERATIONS

13.1	<p>Waste treatment methods Dispose according to valid legislation; send to approved wastes treatment facility. Dispose in accordance with the valid European and national waste legislation.</p> <p><u>Product disposal</u> Avoid entering soil, drains, surface- and ground-waters. Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals. Do not dispose as a common household waste. Dispose in a certified hazardous waste facility. According to the European Waste Catalogue waste codes are not specific for product, but for its use. Therefore, appropriate waste code should assign final user according to his specific use.</p> <p><u>Proposed waste classification, based on common use:</u> 07 WASTES FROM ORGANIC CHEMICAL PROCESSES 08 04 wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics 07 06 99 wastes not otherwise specified Hazardous waste: no</p> <p><u>Contaminated packages:</u> Can be recycled when empty.</p> <p><u>Proposed waste classification, based on common use:</u> 15 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED 15 01 packaging (including separately collected municipal packaging waste) 15 01 02 plastic packaging containing residues of or contaminated by dangerous substances Hazardous waste: no</p>
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SECTION 14: TRANSPORT INFORMATION

The mixture is **not** classified as dangerous for transport according to ADR/RID/IMDG/ICAO/IATA.

14.1	UN Number: -			
14.2	UN proper shipping name			
	<i>Road transport ADR</i>	<i>Rail transport RID</i>	<i>International maritime transport IMDG</i>	<i>Air transport ICAO/IATA</i>
	-	-	-	-
14.3	Transport hazard class(es)			
	<i>Road transport ADR</i>	<i>Rail transport RID</i>	<i>International maritime transport IMDG</i>	<i>Air transport ICAO/IATA</i>
	-	-	-	-
	Classification code			
	-	-	-	-
	Hazard identification number (Kemler)			
	-	-	-	-

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	Labels			
	-	-	-	-
	Other remarks			
	-	-	-	-
14.4	Packing group			
	<i>Road transport ADR</i>	<i>Rail transport RID</i>	<i>International maritime transport IMDG</i>	<i>Air transport ICAO/IATA</i>
	-	-	-	-
14.5	Environmental hazards: no			
14.6	Special precautions for user: not required			
14.7	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: not transported			

SECTION 15: REGULATORY INFORMATION

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture		
	<u>Relevant legislation European Union:</u>		
	<ul style="list-style-type: none"> - Regulation (EC) No 1907/2006 of the European Parliament and of the , concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) - 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 - Commission Regulation(ES) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) - Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work - Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC - Commission Directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC - European Waste Catalogue 		
	<u>Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles:</u>		
	<i>Designation of the substance, of the group of substances or of the mixture</i>	<i>Conditions of restriction</i>	
	-	-	
15.2	Chemical safety assessment		
	Chemical safety assessment not carried yet		

SECTION 16: OTHER INFORMATION

<i>a)</i>	<i>Changes made to the previous version of the safety data sheet</i> Not applicable, first edition - version 1.0
<i>b)</i>	<i>Key or legend to abbreviations and acronyms used in the safety data sheet</i>
	Exp. lim. Exposure limit
	NPEL The highest permissible exposure limit (<i>Slovak Republic</i>)
	PEL Permissible exposure limit (short-term) (<i>Czech Republic</i>)
	NPEL-P The highest permissible exposure limit (long-term) (<i>Czech Republic</i>)
	OEL Occupational exposure limit
	ACGIH American Conference of Industrial Hygienists
	PBT Substances persistent, bioaccumulative and toxic

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	vPvB	Substances very persistent and very bioaccumulative
	VOC	Volatile organic compound
	DNEL	Derived No Effect Level
	PNEC	Predicted No Effect Concentration
	LD50	Median lethal Dose
	LC50	Median lethal concentration
	EC50	Half maximal effective concentration
	IC50	Half maximal inhibitory concentration
	ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
	RID	International Rule for Transport of Dangerous Substances by Railway
	IMDG	International Maritime Dangerous Goods Code
	ICAO	International Civil Aviation Organization
	IATA	International Air Transport Association
c)	<i>Key literature references and sources for data</i> Original Safety Data Sheet of the manufacturer POWER SCREEN (ěkcos Innovations, USA), version 24. 3. 2015.	
d)	<i>Methods of evaluating information used for the purpose of classification</i> The mixture was classified by expert judgment and conventional calculations methods in accordance with the Regulation EC No. 1272/2008 (CLP).	
e)	<i>Full wording of used Hazard Statements (H-phrases)</i> not used	
f)	<i>Advice on any training appropriate for workers</i> Not applicable for consumer. Before handling, storing or using the present substance for the first time, employees must be informed - common occupational safety training. SAFETY DATA SHEET should always be available at hand.	
g)	<i>Other information</i> This Safety Data Sheet is compiled in accordance with the Regulation EC No. 1907/2006 (REACH), Regulation EC No. 1272/2008 (CLP) and Commission Regulation EU No. 2015/830; and contains information on safety use, occupational health protection, and environmental protection. The information contained herein is given in good faith and is accurate to the best of knowledge at the date indicated above. This particular information applies on the product as supplied and may not be valid in mixtures with other substances. If used for other purposes as identified in this SDS, the distributor is not liable for any damage. The information given herein in no way dispenses the user from knowing and applying all provisions regulating his activity. The user bears sole liability for the precautions required when using the product. The regulatory texts indicated herein are intended to aid the user to fulfill his obligations. This list is not to be considered complete and exhaustive. It is the user's responsibility to ensure that he is subject to no other obligations than those mentioned. Compiled: PharmDr. Vladimír Végh, PHARMIS. www.pharmis.cz	