


## SAFETY DATA SHEET

*According to Regulation of EP&C No. 1907/2006 on REACH of 18 Dec.2006; Appendix II changing by Regulation of EP&C No. 830/2015 appendix II*

**Date:** 13.06.2017

<b>1. Identification of the substancje/ mixture and of the company/ undertaking</b>	
1.1	PRODUKT IDENTIFIER <b>PERLUX COLOR MULTICAPS WASHING PEARLS</b>
1.2	RELEVANT IDENTIFIED USES OF THE SUBSTANCJE OR MIXTURE AND USES ADVISED AGAINST Super concentrated washing capsules created by the perfect combination of gel power and powder strenght all in one, destination for color clothes.
1.3	DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET <b>LAKMA Strefa Sp. z o.o.</b> 7 Gajowa str. 43-254 Warszowice phone: +48- 32 43 53 188 e-mail: <a href="mailto:lakmastrefa@lakma.com">lakmastrefa@lakma.com</a> ; internet : <a href="http://www.lakma.com">http://www.lakma.com</a>
1.4	EMERGENCY TELEPHNE NUMBER phone: +48(0)-dialling code- 32 43 53 188
<b>2. HAZARDS IDENTIFICATION</b>	
2.1	CLASSIFICATION OF THE SUBSTANCJE OR MIXTURE According to binding law, product is classified as dangerous preparation Eye Irritation Category 2 Skin Irritation Category 2 H 319 Causes serious eye irritation H 315 Causes skin irritation Aquatic Chronic 3: Hazardous to the aquatic environment, long-term hazard, Category 3, H412
2.2	LABEL ELEMENTS  Warning H 319: Causes serious eye irritation H 315 Causes skin irritation H 412 - Harmful to aquatic life with long lasting effects P 101 If medical advice is needed, have product container or label at hand P 102 Keep out of reach of children P 264 Wash hands thoroughly after handling P 302+ P 352 IF ON SKIN: Wash with plenty of soap and water P 280 Wear eye protection P 305+ P 351+ P 338 IF IN EYES: Rinse cautiously with water for several minutes.Remove contact lenses, if present and easy to do . Continue rinsing. P 301+ P310 IF SWALLOWED:Immediately call a POISON CENTER or doctor/physican P501: Dispose of contents and / or containers in accordance with regulations on hazardous waste or packaging and packaging waste respectively EUH 208 Contains hexyl salicylate, tetramethyl acetyloctahydronaphtalenes. May produce an allergic reaction
2.3	OTHER HAZARDS None reasonably foreseeable

## SAFETY DATA SHEET

According to Regulation of EP&C No. 1907/2006 on REACH of 18 Dec.2006; Appendix II changing by Regulation of EP&C No. 830/2015 appendix II

<b>3. COMPOSITION/ INFORMATION ON INGREDIENTS</b>			
3.1	SUBSTANCES		
	Not applicable		
3.2	MIXTURES		
<b>HAZARDOUS COMPONENTS:</b>			
Chemical name	CAS-No EC-No Registration number	Classification (Regultion (EC) no 1272/2008	Concentration [ % ]
Silicic acid, sodium salts	1344-09-8 215-687-4 ----- 01-2119448725-31-0011	Eye Irrit. 2 H319 Skin Irrit.2 H315 STOT SE 3 H335	20 - 25
Sodium Carbonate	497-19-8 207-838-8 011-005-00-2 01-2119485498-19-xxxx	Eye Irrit.2 H319	5 -10
Alcohols C12-C14, ethoxylated	6540-99-4 polimer	Acute Tox 4 H302 Eye Dam 1 H 318	5 -10
(1-hydroxyethylidene)bisphosphonic acid, sodium salt	29329-71-3 249-559-4 ----- 01-2119510382-52-0001	Acute tox4 H 302 Eye Irrit.2 H 319	5 - 10
Benzenesulfonic acid, C10-C13-alkyl deriv., sodium salts	68411-30-3 270-115-0 ----- 01-2119489428-22-xxxx	Acute Tox. 4 H302 Skin Irrit.2 H 315 Eye Dam.1 H 318	5 -10
Alcohols C12-C14, ethoxylated	68439-50-9 polimer	Eye Dam.1 H 318	1 - 5
Hexyl Salicylate	6259- 76-3 228-408-6 ----- 01-2119638275-36	Skin Irrit.2 H 315 Skin Sens1 H 317 Aquatic Chronic 1 H410	0,19
Tetramethyl Acetyloctahydronaphtalenes	68155-66-8, 54464-57-2, 68155-67-9 915-730-3 01-2119489989-04	Skin Irrit 2 H315 Skin Sens1 H317 Aquatic Chronic 1 H 410	0,1
<b>4. FIRST AID MEASURES</b>			
4.1	DESCRIPTION OF FIRST AID MEASURES		
If any worrying symptoms occur call doctor immediately - or transfer the victim to the hospital - show this Safety Data Sheet (SDS), package of product or label.			
<b>IF INHALED</b>		Under normal conditions , virtually no risk exists. In case of emergency, immediately move casualty to fresh air.	
<b>IN CASE OF SKIN CONTACT</b>		Preventively wash skin with soap and water. In case of skin irritation symptoms occur - ensure medical aid	
<b>IN CASE OF EYE CONTACT</b>		Flush eyes with huge amount of clean, running water. In case of Eye irritation symptoms occur - ensure medical (preferablophtalmologist) aid immediately!	
<b>IF SWALLOWED</b>		If victim is conscious, administer 1-2 cupfuls of water to drink. Ensure medical aid immediately and show this Safety Data Sheet (SDS), package of product or its label. Never force vomiting and never give anything by mouth to an unconscious or obfuscate person	
4.2	MOST IMPORTANT SYMPTOMS AND EFFECTS, BOUTH ACUTE AND DELAYED		
	No information available		

## SAFETY DATA SHEET

*According to Regulation of EP&C No. 1907/2006 on REACH of 18 Dec.2006; Appendix II changing by Regulation of EP&C No. 830/2015 appendix II*

4.3	INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED
	No information available
<b>5. FIREFIGHTING MEASURES</b>	
5.1	EXTINGUISHING MEDIA
	Use extinguishing media appropriate for burning surrounding: carbon dioxide, extinguishing powders, foam extinguisher, dispersed water streams.
5.2	SPECIAL HAZARDS ARISING FROM THE SUBSTANCJE OR MIXTURE
	Do not apply cumulative water streams onto surface of the liquid.
5.3	ADVICE FOR FIREFIGHTERS
	During a fire, hazardous for health, vapours or fumes - containing organic and/or inorganic products, mainly carbon oxides - may be generated. Do not inhale fumes. Wear a gas-tight, protection clothing and self- contained breathing apparatus, provided with an independent source of air supply
<b>6. ACCIDENTAL RELEASE MEASURES</b>	
6.1	PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES
	Do not allow outsiders and unauthorized persons to enter the accidental area. Avoid direct contact with the product, provide suitable ventilation, use appropriate personal protective equipment; see section 8.
6.2	ENVIRONMENTAL PRECAUTIONS
	Prevent contamination of soil, surface/ground waters, drainage ditches, rivers and sewage systems by large amount of product.
6.3	METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP
	The released product adsorb with an inert material (soil, sand), next place into the marked container. Clean contaminated area. Dispose of contaminated material for utilisation
6.4	REFERENCES TO OTHER SECTIONS
	Section 8 Prevent spreading over a wide area ( e.g. by containment or oil barriers)
<b>7. HANDLING AND STORAGE</b>	
7.1	PRECAUTIONS OR SAFE HANDLING
	Follow the general safety rules and regulations concerning Good Manufacturing Practice (GMP) and handling of chemicals; carefully follow routine procedures of handling as well as all manufacturer's recommendations. Avoid eyes contamination.
7.2	CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES
	Respect general precautions and rules concerning safety storage of chemical substances. Store at dry places, in tightly closed packaging, situated in vertical position, at a temperature within the range of +10 °C to +35°C. Do not store in the vicinity of food. Keep out of the reach of children.
7.3	SPECIFIC END USES
	No information available
<b>8. EXPOSURE CONTROLS/ PERSONAL PROTECTION</b>	
8.1	CONTROL PARAMETERS
	Contains no substances with occupational exposure limit values
8.2	EXPOSURE CONTROLS
8.2.1	ENGINEERING MEASURES
	Provide eyewash post in case of its contamination. Ensure proper ventilation at the workplace.
8.2.2	INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT

## SAFETY DATA SHEET

According to Regulation of EP&C No. 1907/2006 on REACH of 18 Dec.2006; Appendix II changing by Regulation of EP&C No. 830/2015 appendix II

	<b>RESPIRATORY PROTECTION:</b> In normal conditions: unnecessary.	
	<b>HAND PROTECTION:</b> In normal conditions: unnecessary.	
	<b>EYE PROTECTION:</b> In normal conditions: unnecessary	
	<b>HYGIENE MEASURES:</b> Clean hands thoroughly before each break and after working. Keep product away from food, drink and feeding stuff. Immediately take-off clothing contaminated with product. At work do not eat, drink, smoke or take drugs.	
8.2.3	<b>ENVIRONMENTAL EXPOSURE CONTROLS</b>	
	No information available	
<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>		
9.1	<b>INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES</b>	
	appearance	Green liquid Powder with green granules
	odour	Typical for used raw materials
	Odour treshold	Not determined
	pH	8,5 -9,5
	Melting point/ Freezing point	Not determined
	Initial boiling point and boiling range	Not determined
	Flash point	Non-flammable
	Evaporation rate	Not determined
	Flammability ( solid, gas)	Not determined
	Upper/lower flammability or explosive limits	Not determined
	Vapour pressure	Not determined
	Vapour denisty	Not determined
	Relative density	1,00 - 1,02 g/cm <sup>3</sup>
	Solubility (ies)	Not determined
	Partition coefficient: n-octanol/water	Not determined
	Auto-ignition temperature	Full solubility
	Decomposition temperature	Not determined
	Viscosity	Not determined
	Explosive properties	Not determined
	Oxidizing properties	Not determined
9.2	Other information	
	Not determined	
<b>10 . STABILITY AND REACTIVITY</b>		
10.1	<b>REACTIVITY</b>	
	Not determined	
10.2	<b>CHEMICAL STABILITY</b>	
	Stable under normal conditions	
10.3	<b>POSSIBILITY OF HAZARDOUS REACTIONS</b>	
	Prezent no significant reactivity hazards, by itself or in contact with water	
10.4	<b>CONDITIONS TO AVOID</b>	
	Avoid temperatures below 10°C and higher than 35°C	
10.5	<b>INCOMPATIBLE MATERIALS</b>	

## SAFETY DATA SHEET

According to Regulation of EP&C No. 1907/2006 on REACH of 18 Dec.2006; Appendix II changing by Regulation of EP&C No. 830/2015 appendix II

	Unknown
10.6	HAZARDOUS DECOMPOSITION PRODUCTS
	Unknown.
<b>11. TOXICOLOGICAL INFORMATION</b>	
11.1	INFORMATION ON TOXICOLOGICAL EFFECTS
	<p>Tests of toxicity evaluation of given preparation on animals were not conducted.</p> <p><b>Sodium carbonate</b>  LD50-oral (rat) 2800 mg/kg  LC50-inhalation (rat) 2300 mg/m<sup>3</sup>  LC50-inhalation ( mouse) 1200 mg/m<sup>3</sup>  LD50-dermal (rabit)&gt; 2000 mg/kg</p> <p><b>Alcohols C12-C14 ethoxylated</b>  LD50 –oral higher than 5000 mg/kg</p> <p><b>Silicic acid, sodium salts</b>  LD50 –oral ( rat ) 3400 mg/kg  LD50 – dermal ( rat ) &gt; 5000 mg/kg</p> <p><b>(1-hydroxyethylidene)bisphosphonic acid, sodium salt</b>  LD/LC50: LD50 oral: 1100 mg/kg ( rat)</p>
<b>12. ECOLOGICAL INFORMATION</b>	
12.1	TOXICITY
	<p>Tests of toxicity evaluation of given preparation on animals were not conducted.</p> <p><b>Sodium carbonate</b>  LC50 (Lepomis macrochirus) 300 mg/l (96h)  LC50 (ceriodaphnia sp.) 200- 227 mg/l (48h)</p> <p><b>Alcohols C12-C14 ethoxylated</b>  unknown</p> <p><b>Silicic acid, sodium salts</b>  LC50 ( Barchydanio retro) 1108 mg/l/96h</p> <p><b>(1-hydroxyethylidene)bisphosphonic acid, sodium salt</b>  unknown</p> <p><b>Hexyl salicylate</b>  EC50 – 0,39/96h – daphnia</p>
12.2	PERSISTENCE AND DEGRADABILITY
	<p><b>Alcohols C12-C14 ethoxylated</b>  Biodegradability 72,5%</p>
12.3	BIOACCUMULATIVE POTENTIAL
	unknown
12.4	MOBILITY IN SOIL
	The product is well soluble in water and can be eliminated from water as a result of abiotic processes
12.5	RESULTS OF PBT AND vPvB ASSESEMENT
	This products contains no substances considered to be persistent, bioaccumulating nor toxic (PBT). Thid product contains no substances considered to be very persistent nor very bioaccumulating (vPvB)
12.6	OTHER ADVERSE EFFECTS
	There is no data available for this products
<b>13. DISPOSAL COSIDERATIONS</b>	
13.1	WASTE TREATMENT METHODS
	<p>Product: dispose of according to local regulations. Avoid disposing into drainage systems and into the environment</p> <p>Contaminated packaging: empty containers should be taken to an approved handling site for recycling or disposal</p>
<b>14. TRANSPORT INFORMATION</b>	

## SAFETY DATA SHEET

*According to Regulation of EP&C No. 1907/2006 on REACH of 18 Dec.2006; Appendix II changing by Regulation of EP&C No. 830/2015 appendix II*

14.1	UN NUMBER ( ONZ )
	not classified.
14.2	UN PROPER SHIPPING NAME
	not classified.
14.3	TRANSPORT HAZARD CLASS(ES)
	not classified.
14.4	PACKING GROUP
	not classified.
14.5	ENVIRONMENTAL HAZARDS
	not classified.
14.6	SPECIAL PRECAUTIONS FOR USER
	No special precautions required
14.7	TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL AND THE IBC CODE
	not classified.
<b>15 : REGULATORY INFORMATION</b>	
15.1	SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/ LEGISLATION SPECIFIC FOR THE SUBSTANCES OR MIXTURE
	<ul style="list-style-type: none"> <li>- Art.31 and Annex II of the 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), with subsequent amendments);.</li> <li>- Act of 11 February 2011 on chemical substances and preparations (Polish Official Journal - Dz.U. 2011 nr 63, item.322)</li> <li>- Regulation (EC) no 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packing of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC and amending Regulation (EC) No 1907/2006 with subsequent amendments</li> </ul>
15.2	CHEMICAL SAFETY ASSESSMENT
	A Chemical Safety Assessment has not been carried out for this product
<b>16. OTHER INFORMATION</b>	
	<p><b>FULL TEXT OF H-PHRASES REFERRED TO UNDER SECTION 2 AND 3:</b></p> <p>H 302 Harmful if swallowed  H 318 Causes serious eye damage  H 319 Causes serious eye irritation  H 315 Causes skin irritation  H 317 May cause an allergic skin reaction  H 335 May cause respiratory irritation  H 410 Very toxic to aquatic life with long lasting effects  H 411 Toxic to aquatic life with long listing effects</p> <p><b>List of necessary trainings:</b></p> <p>Please inform distributors/recipients about this Safety Data Sheet (SDS).</p> <p><b>List of recommended restrictions connected with application:</b></p> <p>Prohibition of mixing with other household chemicals.</p> <p><b>Possibilities to obtain further information:</b></p> <p>Manufacturer. See section 1.</p> <p><b>Sources of data used for elaboration of the Safety Data Sheet (SDS):</b></p> <p>The above information is based on our current level of knowledge and concern of a product in the form of its manufacture. Data relating to given product are presented in order to take into account the safety requirements – it is not intended to guarantee any</p>

## **SAFETY DATA SHEET**

*According to Regulation of EP&C No. 1907/2006 on REACH of 18 Dec.2006; Appendix II changing by Regulation of EP&C No. 830/2015 appendix II*

	<p>particular properties of the product or its application.</p> <p>In the event that conditions of product application are not under the producer's supervision, the safe application of the product is of the user responsibility.</p> <p>This Safety Data Sheet of chemical preparation was elaborated based on Technical or Safety Data Sheets delivered by producers of individual components of preparation; data included in website ECHA and legally binding in Poland regulations concerning chemical substances and preparations</p>
--	---