


Revision Date: 01-10-2023

SAFETY DATA SHEET			
<i>SECTION 1: PRODUCT AND COMPANY IDENTIFICATION</i>			
1.1	Product name	GKhair Hair Taming System Lightening Powder Zero	
1.2	Product Category	LIGHTENERS	
1.3	Company Name	Gkhair FZCO	
1.4	Company Address	PO BOX 342001 IFZA, DUBAI SILICON OASIS, DUBAI, UNITED ARAB EMIRATES	
1.5	Company Contact Details	+1 305 390 0044 (phone) legal@GKhair.com (email) http://Gkhair.com (web)	
1.6	Customer Service Number	+1 305 390 0044 (phone)	
<i>SECTION 2: HAZARD IDENTIFICATION</i>			
2.1	European Commission Directive 1223/2009		
2.2	Hazard Class	Skin Corrosive	Category 18
		Acute Toxic	Category 4
		Skin Sensitivity	Category 1
		Serious Eye Damage	Category 1
		Respiratory Sensitivity	Category 1
		STOT SE	Category 3
		Specific target organ toxicity - single exposure,	Category 3
2.3	Hazard Statements	Harmful if swallowed. Causes severe skin burns and eye damage. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation.	

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2.4	Harmful Product	Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.
2.5	Precautionary Statements	Avoid breathing dust / fume / gas / mist / vapors / spray. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Wear protective gloves / eye protection / face protection. Immediately call POISON CENTER / doctor IF INHALED: remove person to fresh air and keep comfortable for breathing. Store in a well-ventilated place. Keep container tightly closed. Wash thoroughly after handling.
2.6	Precautionary Statements for Storage	NA
2.7	Precautionary Statements for disposal.	NA
2.8	Contains	Sodium silicate, sodium silicate, Dipotassium peroxodisulphate ammonium
2.9	Eyes	May cause mild redness or irritation.
2.10	Other Hazards	On the basis of available data, the product does not contain any PBT or vPvB in percentage \geq than 0,1%. The product does not contain substances with endocrine disrupting properties in concentration \geq 0.1%.
SECTION 3: INGREDIENTS AND COMPOSITION		
3.1	Potassium persulfate, Sodium silicate, Talc, Ammonium persulfate, Sodium metasilicate, Magnesium carbonate hydroxide, Cyamopsis tetragonoloba (guar) gum, Magnesium stearate, Oryza sativa (rice) starch, Disodium lauryl sulfosuccinate, Argania spinosa kernel oil, Prunus armeniaca (apricot) kernel oil, Lens esculenta seed extract (Juvexin V2), Hydrolyzed cicer seed extract, Chenopodium quinoa seed extract, Paraffinum liquidum (Mineral oil), Xanthan gum, Disodium EDTA, Ultramarines (C.I. 77007).	

SECTION 4: FIRST AID MEASURES		
4.1	Description of first aid measures	Not specifically necessary. Observance of good industrial hygiene is recommended.
4.2	Most important symptoms and effects, both acute and delayed	Specific information on symptoms and effects caused by the product are unknown.
4.3	Indication of any immediate medical attention and special treatment needed	Information not available
SECTION 5: FIRE FIGHTING MEASURES		
5.1	Extinguishing media	<p>SUITABLE EXTINGUISHING EQUIPMENT The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.</p> <p>UNSUITABLE EXTINGUISHING EQUIPMEN None in particular</p>
5.2	Special hazards arising from the substance or mixture	<p>HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE</p> <p>Do not breathe combustion products. The product is combustible and, when the powder is released into the air in sufficient concentrations and in the presence of a source of ignition, it can create explosive mixtures with air. Fires may start or get worse by leakage of the solid product from the container, when it reaches high temperatures or through contact with sources of ignition.</p>

5.3	Advice for firefighters	<p>GENERAL INFORMATION</p> <p>Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.</p> <p>SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS</p> <p>Normal firefighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).</p>
SECTION 6: ACCIDENTAL RELEASE MEASURES		
6.1	Personal precautions, protective equipment and emergency procedures	Use breathing equipment if fumes or powders are released into the air. These indications apply for both processing staff and those involved in emergency procedures.
6.2	Environmental precautions	The product must not penetrate into the sewer system or come into contact with surface water or ground water.
6.3	Methods and material for containment and cleaning up	Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.
6.4	Reference to other sections	Any information on personal protection and disposal is given in sections 8 and 13.
SECTION 7: HANDLING AND STORAGE INFORMATION		
7.1	Precautions for Safe Handling	Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.

7.2	Conditions for safe storage, including any incompatibilities	Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details. Store in cool (below 30 °C) and dry areas. Avoid contamination and avoid the presence of reducing agents like lotions and per manent waves. Discard any unused mixture with developer or bleaching lotions, since the container may break. AVOID humid organic material as paper towel, wood, clothes, etc. which could induce spontaneous combustion. Protect from heat and sunlight; store in places far from rain and humidity; never store outdoors. Store separately from other dangerous and incompatible substances.																		
	Specific End Uses	Information not available																		
SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION																				
8.1	Control Parameters	<p>DIPOTASSIUM PEROXODISULPHATE</p> <table border="0"> <tr> <td>Normal value in fresh water</td> <td>0,0763</td> <td>mg/l</td> </tr> <tr> <td>Normal value in marine water</td> <td>0,011</td> <td>mg/l</td> </tr> <tr> <td>Normal value for fresh water sediment</td> <td>0,275</td> <td>mg/kg</td> </tr> <tr> <td>Normal value for marine water sediment</td> <td>0,0396</td> <td>mg/kg</td> </tr> <tr> <td>Normal value for water, intermittent release</td> <td>0,763</td> <td>mg/l</td> </tr> <tr> <td>Normal value of STP microorganisms</td> <td>3,6</td> <td>mg/l</td> </tr> </table>	Normal value in fresh water	0,0763	mg/l	Normal value in marine water	0,011	mg/l	Normal value for fresh water sediment	0,275	mg/kg	Normal value for marine water sediment	0,0396	mg/kg	Normal value for water, intermittent release	0,763	mg/l	Normal value of STP microorganisms	3,6	mg/l
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8.2	Exposure controls	As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired.																		
8.3	Personal Protective Equipment	As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the work place is well aired through effective local aspiration.																		


8.4	CE Marked Equipment	When choosing personal protective equipment, ask your chemical substance supplier for advice. Personal protective equipment must be CE marked, showing that it complies with applicable standards.
8.5	Hands Protection	Use penetration resistance work gloves in case of prolonged contact. Work gloves must be chosen according to the use process and the products that may form. Latex gloves may cause sensitivity reactions.
8.6	Skin Protection	Wear Category II professional long-sleeved overalls and safety footwear. Wash body with soap and water after removing protective clothing.
8.7	Eye Protection	Wear air tight protective goggles. In the presence of risks of exposure to splashes or squirts during work, adequate mouth, nose and eye protection should be used to prevent accidental absorption.
8.8	Respiratory Protection	Use a type P filtering facemask or equivalent device, whose class (1, 2 and 3) and effective need must be defined according to the outcome of the risk.
8.9	Environmental Exposure Controls	The emissions generated by manufacturing processes, including those Generated by ventilation equipment, should be checked to ensure compliance with environment standards.
SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES		
9.1	Appearance	Powder
9.2	Color	Blue
9.3	Odor	Characteristic
SECTION 10: STABILITY AND REACTIVITY		
10.1	Stability	Information not available
10.2	Conditions to Avoid	Avoid environmental dust build-up.
10.3	Reactivity	There are no particular risks of reaction with other substances in normal conditions of use.
10.4	Hazardous Polymerization	Information not available
10.5	Incompatible Material	Information not available

SECTION 11: TOXICOLOGICAL INFORMATION		
11.1	Information on Toxicological Effects	In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification. It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.
11.2	Acute Toxicity	Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation. ATE (Inhalation) of the mixture: Not classified (no significant component) ATE (Oral) of the mixture: 1843,39 mg/kg ATE (Dermal) of the mixture: Not classified (no significant component)
11.3	Skin	Causes skin irritation
11.4	Eye	Causes eye damage
11.5	Inhalation	May cause pulmonary edema, whose symptoms arise after a few hours.
11.6	Exposure symptoms	Sting, cough, asthma, laryngitis, respiratory disorders, headache, nausea and sickness. If swallowed, it may cause mouth, throat and oesophagus burns, sickness, diarrhoea, edema, larynx swelling and, consequently, asphyxia.
11.7	Cutaneous Lesions may Include	Information not available

SECTION 12: ECOLOGICAL INFORMATION		
TOXICITY: Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.		
12.1	SODIUM SILICATE	LC50 - for Fish1108 mg/l/96h (Brachydanio rerio) EC50 - for Crustacea 1700 mg/l/48h (Daphnia magna)
	DIPOTASSIUM PEROXODISULPHATE	LC50 - for Fish 107,6 mg/l/96h Scophthalmus maximus EC50 - for Crustacea 120 mg/l/48h (daphnia) EC50 - for Algae / Aquatic Plants 320 mg/l/72h Phaeodactylum
	DISODIUM METASILICATE	LC50 - for Fish 1108 mg/l/96h (Brachydanio rerio) EC50 - for Crustacea 1700 mg/l/48h (Daphnia magna) EC50 - for Algae / Aquatic Plants 207 mg/l/72h (Schenedesmus subspicatus)
	AMMONIUM PEROXYDISULPHATE	LC50 - for Fish 107,6 mg/l/96h Scophthalmus maximus EC50 - for Crustacea 120 mg/l/48h (Daphnia magna) EC50 - for Algae / Aquatic Plants 320 mg/l/72h Phaeodactylum EC10 for Algae / Aquatic Plants 36 mg/l/72h Pseudomonas putida
13	SECTION 13: DISPOSAL CONSIDERATIONS	
13.1	Disposing Information	Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations
13.2	Contaminated Packaging	Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.
SECTION 14: TRANSPORTATION INFORMATION		
The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.		
14.1	Special Instructions	Not applicable
14.2	UN Proper Shipping Name	Not applicable
14.3	UN Number	Not applicable



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14.4	Transport Hazard Classes	Not applicable
14.5	Packaging Group	Not applicable
14.6	Environmental Hazard	Not applicable
14.7	Special Precaution for Users	Not applicable
14.8	Transport in Bulk	N/A
SECTION 15: REGULATORY INFORMATION		
15.1	U.S Regulation	Food, Drug and Cosmetics Act 1938
15.2	European Regulation	Directive (EC) 1223/2009.
		Regulation (CE) 1272/2008
		Regulation (EU) 944/2013
		Regulation (EU) 618/2012
		Regulation (EU) 487/2013
		Regulation (EU) 453/2010
		Regulation (CE) 1907/2006
		Regulation (EU) 286/2011
		Regulation (EU) 790/2009
		Regulation (CE) 453/2010
		Regulation (CE) n. 648/2004 del Parlamento europeo edel Consiglio, del 31 marzo 2004
		Directive 76/768/CEE The Merck Index Ed. 10
SECTION 16: OTHER INFORMATION		
16.1	Disclaimer	GKHAIR FZCO believes that the information contained in this SDS is correct as of this date. However, because the material may be used under conditions which GKHAIR FZCO has no control over or cannot anticipate, it gives no warranty, express or implied, as to the accuracy of the information and therefore, assume no responsibility for any damage to a person, property or business arising from such use. Moreover, it is the responsibility of the purchaser to ensure that the product is properly and safely used, instructed.
16.2	Prepared by	GKHAIR FZCO
16.3	Company Logo	

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