kinetics

Material Safety Data Sheet

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II - Europe

Version : 02 **Date of revision : 26/07/2019**

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier	
	KN Pro Performance Powder Nailfinity **Item: KPNFxxx**
1.2. Relevant identified uses of the substance or mixture and uses advised against	
	Acrylic powder for nail sculpture. Cosmetic. Consumer use.
1.3. Details of the supplier of the safety data sheet	
Responsible person:	**Kinetics Nail Systems, Ltd** 3K Kurzemes pr., Riga, Latvia, LV-1067, Latvia TEL: +(371) 6 7295 260 FAX: +(371) 6 7873 525 e-mail: info@kineticsbeauty.com web: www.kineticsbeauty.com E-mail of person responsible for Product Safety Data Sheet: info@kineticsbeauty.com
1.4. Emergency telephone number	
	EU:112 Emergency telephone for other regions to be filled out by local business

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture	
According to regulation (EC) No 1272/2008:	**EUH208 Contains Dibenzoyl peroxide. May produce an allergic reaction.** **EUH210 Safety data sheet available on request.**
Important adverse physicochemical, human health and environmental effects:	**Powder may cause mechanical irritation to the skin, eyes and respiratory tract.**
2.2. Label elements	
According to regulation (EC) No 1272/2008: **(Applicable from 01.06.2015)**	Not applicable. **No signalword.** EUH208 Contains Dibenzoyl peroxide. May produce an allergic reaction. EUH210 Safety data sheet available on request. Not relevant. P101 If medical advice is needed, have product container or label at hand. P103 Read label before use. P261 Avoid breathing dust. Warnings: In case of contact with skin or eyes, rinse immediately with plenty of water. May cause respiratory irritation. Wear protective gloves, safety googles and respiratory protection.
2.3. Other hazards	
	Product does not meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH (Regulation (EC) No 1907/2006).

See section 11 for more detailed information on health effects and symptoms.

SECTION 3: Composition/information on ingredients

3.1. Substances	No relevant.
3.2. Mixtures	Blend of hazardous and non-hazardous substances.

Ingredient name (INCI)	Identifiers:	Conc.%	Classification Regulation (EC) 1272/2008 (CLP)	Type
Dibenzoyl peroxide	CAS: 94-36-0 EC: 202-327-6 INDEX: 617-008-00-0	0,5-0,99	Org. Perox. B, H241 Eye Irrit. 2, H319 Skin Sens. 1, H317	[1] [2]

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.
See section 16 for the full text of the H phrases declared above.
Occupational exposure limits, if available, are listed in section 8.
[1] Substance classified with a health or environmental hazard
[2] Substance with a workplace exposure limit
[3] PBT-substance
[4] vPvB-substance

SECTION 4: First aid measures

4.1. Description of first aid measures	
General advice:	Remove contaminated clothing.
Inhalation:	Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Get medical attention.
Skin contact:	Remove contaminated clothing and wash before reuse. Remove and destroy contaminated shoes. Flush with plenty of water. Obtain medical attention if irritation persists.
Eye contact:	Immediately wash the eyes with plenty of water for at least 15 min holding the eye open. Obtain medical attention urgently..
Ingestion:	Do not INDUCE VOMITING. Rinse mouth with water. Get medical attention IMMEDIATELY**.**
4.2. Most important symptoms and effects, both acute and delayed	
Inhalation:	May cause nose and throat irritation. Harmful if inhaled.
Skin contact:	Causes skin irritation. Swelling and redness of skin, dermatitis, drowsiness.
Eye contact:	May cause eye irritation, conjunctivitis, lacrimation, redness and swelling of eyes.
Ingestion:	Harmful if swallowed, abdominal pain.
4.3. Indication of any immediate medical attention and special treatment needed	
Specific treatments:	Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

See section 11 for more detailed information on health effects and symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media	
Suitable extinguishing media:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media:	Do not use water jet at full power.
5.2. Special hazards arising from the substance or mixture	
	Decomposition products may include the following materials: carbon dioxide, carbon monoxide and unidentified organic and inorganic compounds.
5.3. Advice for firefighters	
	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. During emergency conditions, overexposure to decomposition products may cause a health hazard; symptoms may not be immediately apparent. Obtain medical attention.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures	
	Avoid contact with skin and eyes. Wear protective equipment. Provide adequate ventilation Keep away from heat and sources of ignition.
6.2. Environmental precautions	
	Do not empty into drains / surface water / ground water. Prevent further leakage or spillage.

6.3. Methods and material for containment and cleaning up	
	Move containers from spill area. Pick up mechanically (use shovel, etc.). Place spilled material in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor.
6.4. Reference to other sections	
	See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling	
Protective measures:	Avoid inhalation, skin and eye contact.
Advice on general occupational hygiene:	Good industrial hygiene practices should be observed. No smoking. Provide sufficient air exchange and/or exhaust in work rooms. Wash hands before work breaks and after finishing work. Do not eat, drink or smoke while working. Take off all contaminated clothing immediately. See also Section 8 for additional information on hygiene measures.
7.2. Conditions for safe storage, including any incompatibilities	
Storage:	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Store in well-ventilated area. Keep containers (solvent resistant) closed when not in use. Store away from ignition sources. All equipment should be grounded. Avoid strong oxidizing agents, store in a clean, dry area. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. Empty container may retain product residues (dust/powder).
7.3. Specific end use(s)	
Industrial sector specific solutions:	No applicable.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters	
Occupational exposure limits	Limit values are laid down throughout the EU, but each Member State establishes its own national OELs, often going beyond EU legislation. OELs are set by competent national authorities and other relevant institutions. **EU:** *No known value.* **Germany (TRGS-900):** *Dibenzoyl peroxide:* Long-term exposure limit, 8-hr TWA reference period: 5E mg/m^3. **United Kingdom (HSE, 2011):** *Dibenzoyl peroxide:* Long-term exposure limit, 8-hr TWA reference period: 5 mg/m^3. **Latvia (AER, reg.325/2011):** *No known value.*
Recommended monitoring Procedures:	If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous substances.
8.2 Manufacturer: Exposure controls	

Appropriate engineering Controls:	Ensure good ventilation/extraction.
Individual protection measures:	
Hygiene measures:	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.
Respiratory protection	 Ensure adequate ventilation. An approved mask or respirator fitted with an organic vapour cartridge should be worn if the product is used in a poorly ventilated area.
Eye/face protection:	 Safety glasses with sideshields or chemical safety goggles should be worn if there is a risk of splashing.
Skin protection:	 Chemical-resistant protective gloves (EN 374). Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374): nitrile rubber (NBR; >= 0.4 mm thickness). Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374): nitrile rubber (NBR; >= 0.4 mm thickness). This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced. Wear suitable protective clothing.
Environmental exposure controls:	
	According to available technology.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties	
Appearance	
Physical state	Powder
Colour	Soft pink
Odour	Characteristic
Odour threshold	Not applicable**.**
pH at 25 °C	Not applicable**.**
Melting point/freezing point	Not available
Initial boiling point and boiling range	Not available
Flash point	Not available
Evaporation rate	Not available
Flammability (solid, gas)	Not applicable**.**
Upper/lower flammability or explosive limits	Not available
Vapour pressure	Not available
Vapour density	Not available
Relative density	Not available
Solubility(ies)	Partly soluble in water. Soluble in solvent.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.

Viscosity	Not available.
Evaporation rate	Not available.
Explosive properties	Not available.
Oxidising properties	Not available
9.2. Other information	
Impurity	Not available

SECTION 10: Stability and reactivity

10.1. Reactivity	
	No hazardous reactions if stored and handled as prescribed/indicated.
10.2. Chemical stability	
	Stable under recommended storage conditions.
10.3. Possibility of hazardous reactions	
	Material WILL NOT undergo hazardous polymerization.
10.4. Conditions to avoid	
	AVOID Heat, sparks, open flame.
10.5. Incompatible materials	
	None if used properly.
10.6. Hazardous decomposition products	
	Various organic compounds.

SECTION 11: Toxicological information

11.1. Information on toxicological effects				
Product:	ATE mix Oral calculation: >2000 mg/kg, not classified as acute toxic.			
Ingredients:				
Acute toxicity:	**Result**	**Species**	**Dose**	**Exposure**
Dibenzoyl peroxide	LD0 Oral	Rat	> 2 000 mg/kg bw	
	LC0 inhalation	Rat	24.3 mg/L air	4 h
Eye irritation:				
Dibenzoyl peroxide	Slightly irritating.			
Skin irritation/ corrosion:				
Dibenzoyl peroxide	In a rabbit study in which 78 % granular benzoyl peroxide was applied to the back of 3 males and 3 females, the substance was held in place for 4 hours with a gauze bandage. No signs of skin irritation were observed at 1, 3 days after 4 hr exposure.			
Sensitisation:				
Dibenzoyl peroxide	Benzoyl peroxide provoked very vigorous sensitising responses at all test concentration.			
Repeated dose toxicity:	No known effect according to our database.			
Carcinogenicity:	No known effect according to our database.			
Mutagenicity:	No known effect according to our database.			
Toxicity for reproduction:	No known effect according to our database.			
Specific target organ toxicity. Single / repeated exposure:				
	No known effect according to our database.			
Potential acute health effects				
Eye contact:	Irritation, conjunctivitis.			
Inhalation:	Irritation, coughing, shortness of breath.			
Skin contact:	Redness, inflammation. Rash.			
Ingestion:	Gastrointestinal symptoms, such as nausea, vomiting, abdominal pain, and diarrhea could develop.			
Symptoms related to the physical, chemical and toxicological characteristics				
Eye contact:	No specific data.			
Inhalation:	No specific data.			
Skin contact:	No specific data.			
Ingestion:	No specific data.			
Delayed and immediate effects and also chronic effects from short and long term exposure				
Short term exposure:				
Potential immediate effects:	Not available.			
Potential delayed effects:	Not available.			

Long term exposure:	Not available.
Potential immediate effects:	Not available.
Potential delayed effects:	Not available.
Potential chronic health effects:	Not available.
Conclusion/Summary	
General	No known significant effects or critical hazards.
Carcinogenicity	No known significant effects or critical hazards.
Mutagenicity	No known significant effects or critical hazards.
Teratogenicity	No known significant effects or critical hazards.
Developmental effects	No known significant effects or critical hazards.
Fertility effects	No known significant effects or critical hazards.
11.2. Other information	
	Not available.

SECTION 12: Ecological information

12.1. Toxicity						
Aquatic toxicity						
Dibenzoyl peroxide	Oncorhynchus mykiss	freshwater	96 h	LC50	0.06 mg/L	Nominal
	Daphnia magna	freshwater	48 h	EC50	0.11 mg/L	Meas.
	Daphnia magna	freshwater	21 d	EC10	0.001 mg/L	Meas.
	Pseudokirchneriella subcapitata	freshwater	72 h	EC50	0.071 mg/L	Meas.
	Activated sludge of a predominantly domestic sewage	freshwater	30 min	EC50	35 mg/L	Nominal
12.2. Persistence and degradability						
	Readily biodegradable.					
12.3. Bioaccumulative potential						
	Low.					
12.4. Mobility in soil						
	Not available					
12.5. Results of PBT and vPvB assessment						
	Regarding all available data on biotic and abiotic degradation, bioaccumulation and toxicity it can be stated that the substance does not fulfil the PBT criteria (not PBT) and not the vPvB criteria (not vPvB). .					
12.6. Other adverse effects						
	No known significant effects or critical hazards.					

SECTION 13: Disposal considerations

13.1. Waste treatment methods	
Product:	
Methods of disposal:	Waste must be disposed of in accordance with federal, state and local environmental control regulations. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
Hazardous waste:	Within the present knowledge of the supplier, this product IS regarded as hazardous waste, as defined by EU regulation 1357/2014
European waste catalogue (EWC):	07 06 99 wastes not otherwise specified
Packaging:	
Methods of disposal:	The generation of waste should be avoided or minimized wherever possible. Packaging: IBC container, plastic drum. Waste packaging should be recycled.
Special precautions:	This material and its container must be disposed of in a safe way.

SECTION 14: Transport information

International transport regulations: Not regulated

	ADR/RID	ADN	IMDG	IATA
14.1. UN number	-	-	-	-
14.2. UN proper shipping name	-			
14.3. Transport hazard class(es)	-	-	-	-
14.4. Packing group	-	-	-	-
14.5. Environmental hazards	-	-	-	-
14.6. Special precautions for user	-	-	-	-
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.			

SECTION 15: Regulatory information

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

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.
ADR - the European Agreement concerning the International Carriage of Dangerous Goods by Road, concluded at Geneva on 30 September 1957, as amended.
RID - the Regulations concerning the International Carriage of Dangerous Goods by Rail, appearing as Appendix C to the Convention concerning International Carriage by Rail (COTIF) concluded at Vilnius on 3 June 1999, as amended.
ADN - the European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways concluded at Geneva on 26 May 2000, as amended.
IMDG Code - International Maritime Dangerous Goods Code.
IATA/ICAO: ICAO - International Civil Aviation Organization. IATA - International Air Transport Association.
MARPOL 73/78 - International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978.
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):

Annex XIV - List of substances subject to authorization:	Substances of very high concern: None of the components are listed.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles:	Not applicable.

15.2. Chemical safety assessment

Chemical Safety Assessment following regulation 1907/2006/EC:	A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

Abbreviations and acronyms:

Full text of abbreviations	CLP: Classification, Labelling and Packaging Regulation [Regulation (EC) No.1272/2008] ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road RID: International Rule for Transport of Dangerous Substances by Railway IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association CAS: Chemical Abstracts Service EINECS: European Inventory of Existing Commercial chemical Substances LC50: Median lethal concentration LD50: Median lethal dose REACH: Registration, Evaluation and Authorisation of Chemicals PBT: Persistent, bio-accumulative and toxic vPvB: Very persistent, very bio-accumulative
Full text of classifications	Org. Perox. B, Organic Peroxides, Type B;

and H statements [CLP/GHS]:	H241 Heating may cause a fire or explosion. Eye Irrit. 2, Serious eye damage/eye irritation, Hazard Category 2; H319 Causes serious eye irritation. Skin Sens. 1, Sensitisation — Skin, hazard category 1; H317 May cause an allergic skin reaction. EUH208 Contains <name of sensitising substance>. May produce an allergic reaction. EUH210 Safety data sheet available on request.
Classification system	**Classification for health effects:** conventional (calculation) method is used. EUH208 – Calculation method. EUH210 – due to no classification. **Classification for physico-chemical effects:** Conventional (calculation) method is used. **Classification for environmental effects:** Conventional (calculation) method is used.
Training advice:	
	In addition to health, safety and environmental training programs for their workers, companies must ensure that workers read, understand and apply the requirements of this SDS.
Used literature:	
	European Chemical Agency's homepage (http://echa.europa.eu/). Safety data sheets of individual components.
DISCLAIMER OF LIABILITY:	
	The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or method of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS/SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS/SDS information may not be applicable.

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