SAFETY DATA SHEET

according to Regulation (EC) № 1907/2006 (REACH) as amended

«DNKa'» LOW ACID BASE NEW FORMULA

Date: 08.12.2025 Version 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking	
1.1 Product identifier	
Trade name:	«DNKa'» LOW ACID BASE NEW FORMULA
Substance/mixture:	Mixture
1.2 Relevant identified uses of the substance or mixture and uses advised against	
Identified uses:	Nail cosmetic. For professional use only
1.3 Details of the supplier of the safety data sheet	
Manufacturer	
Name or trade name:	LLC "NailsWorldUkraine"
Address:	Ukraine, 79052, Lviv region, Lviv city, Rudnenska st., 14a
Telephone number:	+ 380 (63) 432 61 41
Email:	bayer.01nail@gmail.com
Competent person responsible for the SDS	
Email:	bayer.01nail@gmail.com
1.4 Emergency telephone number	
+ 380 (63) 432 61 41	

SECTION 2: Hazards identification		
2.1 Classification of the substance or mixture		
2.1.1 Classification of the mixture in accordance with Regulation (EC) No 1272/2008		
Acute toxicity (inhal) 4, H332 Skin sensitization 1B, H317 Aquatic Chronic 3, H412		
2.1.2 Additional information		
Full text of H phrases, hazard and EU hazard statements in Section 16		
2.2 Label elements		
GHS Pictograms		
Signal Word	**Warning**	
Hazard Statement	H332 H317 H412	Harmful if inhaled May cause an allergic skin reaction Harmful to aquatic life with long lasting effects
Precautionary Statement Prevention	P101 P102 P261 P280 P271	If medical advice is needed, have product container or label at hand Keep out of reach of children Avoid breathing mist/vapours/spray Wear protective gloves/ eye protection Use only outdoors or in a well-ventilated area
Precautionary Statement Response	P302+P352 P333+P313	IF ON SKIN: Wash with plenty of water If skin irritation or rash occurs: Get medical advice
Precautionary Statement Storage	Absent	
Precautionary Statement Disposal	P501	Dispose of contents/container in accordance with the requirements of national legislation
2.3 Other hazards		
The product doesn't contain any substance meet the criteria for a persistent, bioaccumulative and toxic substances (PBT) or very persistent very bioaccumulative substances (vPvB) in accordance with Annex XIII of Regulation (EC) №1907/2006 (REACH) as amended.		

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Product doesn't contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Actual contents of components are used to classify the mixture.

Components

Name/INCI	CAS/EC	Classification according to Regulation (EC) №1272/2008	Weight (%), content (or range)	SCL, M-factor, ATE
Polyacrylic Acid	9003-01-4/ 618-347-7	Not classified as dangerous	60	-
Acrylates Copolymer	25212-88-8 / 607-646-8	Acute toxicity (inhal) 4, H332	28	-
Hydroxypropyl methacrylate	27813-02-1 / 248-666-3	Serious eye irritation 2, H319 Skin sensitization 1, H317	7	-
Ethyl Trimethylbenzoyl Phenylphosphinate	84434-11-7/ 282-810-6	Skin sensitization 1B, H317 Aquatic Chronic 2, H411	5	-

Full text of H phrases, hazard and EU hazard statements in Section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes	Provide fresh air. Remove contaminated clothing
Following eye contact	Rinse with plenty of warm water for at least 15 minutes, lifting the upper and lower eyelids. Consult a doctor
Following skin contact	If skin irritation, wash contaminated body parts with water and soap, as well as those areas that may be contaminated. If skin irritation does not pass, consult a physician.
Following ingestion	Give lots of water (only if the victim is conscious). Induce vomiting. Immediately seek medical assistance.
Following inhalation	Provide fresh air. If the symptoms do not pass or are in doubt, seek medical attention.
Self-protection of the first aider	Protective gloves

4.2 Most important symptoms and effects, both acute and delayed

Acute symptoms	See Section 2 and / or Section 11

4.3 Indication of any immediate medical attention and special treatment needed

Symptomatic treatment

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:	Use fire-extinguishing equipment that meets local conditions and the environment.
Unsuitable extinguishing media:	There are no restrictions on the choice of conventional fire extinguishing agents

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products:	Carbon dioxide, carbon monoxide, other decay products

5.3 Advice for firefighters

Use standard firefighting procedures and consider the hazards of other involved materials.

Special protective equipment: wear appropriate protective clothing. In case of dangerous vapors use self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

Ensure adequate ventilation. Avoid contact with eyes, skin
6.1.2 For emergency responders
Personal protective equipment referred to under section 8
6.2 Environmental precautions
Avoid entering product into sewage, surface water or groundwater. Product in a sewage and drainage system should be avoided. Inform the relevant service in the event of an accidental release of the product into the environment
6.3 Methods and material for containment and cleaning up
6.3.1 For containment
Collect spilled product with absorbent material, and place in a sealed container for further disposal.
6.3.2 For cleaning up
Wash the area with water. Take precautions (the floor may be slippery)
6.3.3 Other information
Keep containers closed and disposed of in accordance with all applicable environmental regulations.
6.4 Reference to other sections
Information about personal precautions - see the Section 8. Information about waste disposal - see the Section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling	
General precautions for safe handling:	Do not inhale vapors. Avoid contact with eyes, skin. Use only outdoors or in a well-ventilated area. Use personal protective equipment
Measures to prevent aerosol and dust generation:	Use a local ventilation system.
Measures to protect the environment:	Effective operation of ventilation systems
Advice on general occupational hygiene:	Comply with the rules of personal hygiene
7.2 Conditions for safe storage, including any incompatibilities	
Conditions of storage:	Storage temperature at +15°C to +25°C
Special requirements for packaging:	Hermetically sealed container
Requirements for storage rooms:	Store in a dry and well-ventilated place
Additional information on storage requirements:	Away from any light
7.3 Specific end use(s)	
No data available	

SECTION 8: Exposure controls/personal protection

8.1 Control parameters	
Workers	
Hydroxypropyl methacrylate	DNEL (inhal) – 14,7 mg/m^3 (Chronic effects systemic); DNEL (dermal) – 4,2 mg/kg bw/day (Chronic effects systemic)
Ethyl Trimethylbenzoyl Phenylphosphinate	DNEL (inhal) – 4.93 mg/m^3 (Chronic effects systemic), DNEL (dermal) – 1.4 mg/kg bw/day (Chronic effects systemic)
PNEC	
Hydroxypropyl methacrylate	Fresh water – 904 µg/L; Marine water – 90,4 µg/L; Fresh water sediments – 6,28 mg/kg sediment dw; Marine sediment – 6,28 mg/kg sediment dw; Soil – 727 µg/kg soil dw
Ethyl Trimethylbenzoyl Phenylphosphinate	Fresh water – 1,01 µg/L; Marine water – 101 ng/L; Fresh water sediments – 240 µg/kg sediment dw; Marine sediment – 24 µg/kg sediment dw;

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	Soil – 47.5 µg/kg soil dw
8.2 Exposure controls	
8.2.1 Appropriate engineering controls	
Provide the mechanization and automation of production processes. Provide the sealing of equipment and containers. Production facilities must be equipped with general exhaust and local ventilation.	
8.2.2 Individual protection measures, such as personal protective equipment	
Respiratory protection:	Under regular circumstances it is not necessary.
Skin protection:	Protective gloves
Eye/face protection:	Protective goggles. Goggles must comply with EN 166 or similar document.
Thermal hazards:	Absent
8.2.3 Environmental exposure controls	
Measures to prevent exposure:	Observe usual measures for protection of the environment, see Section 6.2

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties	
Physical state	Liquid
Colour	No data available
Odour	Specific
Melting point/freezing point	No data available
Boiling point or initial boiling point and boiling range	No data available
Flammability	No data available
Lower and upper explosion limit	No data available
Flash point	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
pH	6-7
Kinematic viscosity	No data available
Solubility	Insoluble
Partition coefficient n-octanol/water (log value)	No data available
Vapor pressure	No data available
Density and/or relative density	1,0-1,2 g/cm^3
Relative vapor density	No data available
Particle characteristics	Not applicable
9.2 Other information	
9.2.1 Information with regard to physical hazard classes	
Not classified	
9.2.2 Other safety characteristics	
None	

SECTION 10: Stability and reactivity

10.1 Reactivity	Polymerize under the action of light
10.2 Chemical stability	Stable under regular storage, use and transportation conditions.
10.3 Possibility of hazardous reactions	Will not occur if use, transportation and storage conditions are met
10.4 Conditions to avoid	Avoid extreme temperatures, direct sunlight
10.5 Incompatible materials	Strong oxidants, alkalis
10.6 Hazardous decomposition products	Under the conditions of application, storage and transportation, the product does not decompose

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) № 1272/2008

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No toxicological data is available for the mixture	
Acute toxicity	The mixture is classified as acute toxicity (inhal), category 4. Data on substances are presented below.
Hydroxypropyl methacrylate – LD_{50} (oral) > 2000 mg/kg bw (rat), OECD 401; Hydroxypropyl methacrylate – LD_{50} (dermal) > 5000 mg/kg bw (rabbit), 24 h, Standard acute method; Ethyl Trimethylbenzoyl Phenylphosphinate – LD_{50} (oral) > 5000 mg/kg bw (rat), OECD 401; Ethyl Trimethylbenzoyl Phenylphosphinate – LD_{50} (dermal) ≥ 2000 mg/kg bw (rat), 24 h, OECD 402; Ethyl Trimethylbenzoyl Phenylphosphinate – LC_{50} (inhal) ≥ 0 mg/L air (rat), 7 h, OECD 403	
Skin corrosion/irritation	The mixture is not classified as skin corrosion/irritation as no respectively classified substances are present in it.
Serious eye damage/eye irritation	The mixture is not classified as eye damage/eye irritation, as it does not meet the classification criteria for a mixture
Respiratory or skin sensitization	The mixture is classified as skin sensitization, category 1B
Germ cell mutagenicity	The mixture is not classified as mutagen as no respectively classified substances are present in it.
Carcinogenicity	The mixture is not classified as carcinogen as no respectively classified substances are present in it.
Reproductive toxicity	The mixture is not classified as possessing reproductive toxicity as no respectively classified substances are present in it.
STOT - single exposure	The mixture is not classified for specific target organ toxicity - single exposure as no respectively classified substances are present in it.
STOT - repeated exposure	The mixture is not classified for specific target organ toxicity - repeated exposure as no respectively classified substances are present in it.
Aspiration hazard	The mixture is not classified for aspiration toxicity as no respectively classified substances are present in it.
11.2 Information on other hazards	
11.2.1 Endocrine disrupting properties	
The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605	
11.2.2 Other information	
None	
SECTION 12: Ecological information	
12.1 Toxicity	
Harmful to aquatic life with long lasting effects. Data on substances presented below	
Acute toxicity to fish:	Hydroxypropyl methacrylate - LC50 (4 days) – 100 mg/L; Ethyl Trimethylbenzoyl Phenylphosphinate - LC50 (4 days) – 1,89 mg/L
Toxicity to aquatic invertebrates:	Hydroxypropyl methacrylate - EC50 (48 h) – (143-380) mg/L; Ethyl Trimethylbenzoyl Phenylphosphinate - EC50 (48 h) – 2,26 mg/L
Toxicity to aquatic algae and cyanobacteria:	Hydroxypropyl methacrylate - EC50 (72 h) – (97,2-345) mg/L; Ethyl Trimethylbenzoyl Phenylphosphinate - EC50 (72 h) – (239-1010) µg/L
Toxicity to microorganisms:	Ethyl Trimethylbenzoyl Phenylphosphinate – EC50 (3 h) – 1 g/L
12.2 Persistence and degradability	
No data are available for either the mixture or the components.	
12.3 Bioaccumulative potential	
No data are available for either the mixture or the components.	
12.4 Mobility in soil	
No data are available for either the mixture or the components.	
12.5 Results of PBT and vPvB assessment	
Not applicable for mixtures	

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12.6 Endocrine disrupting properties

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

12.7 Other adverse effects

Not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

13.1.1 Product/packaging disposal

Waste codes/waste designations according to EWC:	According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. The user based on the application for which the product was used should assign waste codes.

13.1.2 Waste treatment-relevant information

Waste disposal (product/packaging) must be carried out in strict accordance with the requirements of national, regional and local waste disposal legislation. The generation of waste should be avoided or minimized wherever possible.

13.1.3 Sewage disposal-relevant information

Waste should not be disposed of by release to sewers.

13.1.4 Other disposal recommendations

1. Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives.
2. Directive (EU) 2018/852 of the European Parliament and of the Council of 30 May 2018 amending Directive 94/62/EC on packaging and packaging waste.

SECTION 14: Transport information

The product is transported:	by railway (RID)	by road (ADR)	by marine transport (IMDG)	by air transport (IATA/ICAO)
The product is not considered as dangerous goods under TDG Model Regulations				
14.1 UN number or ID number	Not applicable			
14.2 UN proper shipping name	Not applicable			
14.3 Transport hazard class(es)	Not applicable			
14.4 Packing group	Not applicable			
14.5 Environmental hazards	Not applicable			
14.6 Special precautions for user	No special precautions are required			
14.7 Maritime transport in bulk according to IMO instruments	This product is out of the scope of Annex II of MARPOL 73/78.			

SECTION 15: Regulatory information

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

1. 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.
2. Regulation (EU) No 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
3. 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.
4. The European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR).

5. The UN Recommendations on the Transport of Dangerous Goods Model Regulations (TDG Model Regulations), Rev.23 (Vol.I,II).
6. Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals as amended.
7. Regulation (EC) No 1223/2009 of the European Parliament and of the Council of 30 November 2009 on cosmetic products

15.2 Chemical Safety Assessment

A Chemical safety assessment has not been carried out for the product.

SECTION 16: Other information

16.1 Assignment of safety data sheet

Safety Data Sheet informs downstream users about the hazards of products and ways to prevent its adverse effects on human health and the environment.
Safety Data Sheet can be used during custom control, transportation of goods, emergency operations, waste management, development of emergency response plan, briefing, development of special teaching programs, staff qualification, labeling, also can be used as pictorial information and agitation, or product advertising.
The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.

16.2 Classification and procedure used to derive the classification for mixtures according to Regulation (EC) No 1272/2008 [CLP]

For the purpose of classification of mixture data on all substances and additivity principle was used.

16.3 Training guidelines

Read carefully the Safety Data Sheet before using this product.
Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

16.4 Uses advised against when using product

Information applies to a specific product. It may be invalid in case this product is used together with any other materials or in any other production process. A consumer of product is responsible for the consequences of its use in specific purposes.

16.5 Abbreviations and acronyms

SCL - The specific concentration limit;
M-factor - multiplying factor for substances;
ATE - the acute toxicity estimate for substances;
ADR – The Agreement concerning the International Carriage of Dangerous Goods by Road;
CAS – Chemical Abstracts Service;
CLP - Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures;
DNEL - minimum level of influence is set;
EC - Identification code for each substance listed in EINECS;
EU – European Union;
EC50 - Concentration of a substance when it is affected 50% of the population;
INCI – International Nomenclature of Cosmetic Ingredients;
IMDG - the International Maritime Dangerous Goods;
ICAO TI - the Technical Instructions for the Safe Transport of Dangerous Goods by Air;
IATA - The International Air Transport Association;
LD_{50} – Lethal dose of a substance in which it can be expected death of 50% of the population;
LC50 - Lethal concentration of a substance in which it can be expected death of 50% of the population;
MARPOL - The International Convention for the Prevention of Pollution from Ships;
PBT or vPvB – persistent, bioaccumulative and toxic substances or very persistent very bioaccumulative substances;
OECD - Organisation for Economic Cooperation and Development;

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PNEC - predicted no effect concentration; RID - the Regulations concerning the International Carriage of Dangerous Goods by Rail; REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals; SCBA - self-contained breathing apparatus; TDG - Transport of Dangerous Goods; IMO - International Maritime Organization
16.6 Relevant H-statements (number and full text)
H332 – Harmful if inhaled H317 - May cause an allergic skin reaction H319 - Causes serious eye irritation H411 - Toxic to aquatic life with long lasting effects H412 - Harmful to aquatic life with long lasting effects P101 - If medical advice is needed, have product container or label at hand P102 - Keep out of reach of children P261 - Avoid breathing mist/vapours/spray P280 - Wear protective gloves/ eye protection P271 - Use only outdoors or in a well-ventilated area P333+P313 - If skin irritation or rash occurs: Get medical advice P302+P352 - IF ON SKIN: Wash with plenty of water P501 - Dispose of contents/container in accordance with the requirements of national legislation
16.7 Key literature references and sources for data
The ECHA database on registered substances and the ECHA classification and labelling inventory. GESTIS - the Information system on hazardous substances of the German Social Accident Insurance eChemPortal - the Global Portal to Information on Chemical Substances
16.8 Changes
SDS has been issued for the first time

