

SAFETY DATA SHEET

according to Regulation (EC) № 1907/2006 (REACH), ANNEX II

Detergent concentrate to produce shampoos, shower gels, liquid soaps and other detergents Neri Liquid Crystal Concentrate

Date: 30.07.2026

Version 2.0

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

1.1 Product identifier	
Trade name:	Detergent concentrate to produce shampoos, shower gels, liquid soaps, and other detergents Neri Liquid Crystal Concentrate
Molecular formula:	Not applicable. Mixture
1.2 Relevant identified uses of the substance or mixture and uses advised against	
Identified uses:	The detergent
Uses advice:	Apply the concentrate for its intended purpose and according to the recommendation
1.3 Details of the manufacturer/supplier of the safety data sheet	
Manufacturer:	Individual entrepreneur Kudryk B.T.
Address:	50a, Valentynivska str., Kharkiv, Ukraine
Communication tools:	+38 050 252 27 22
	Email: general@neri.store
1.4 Emergency telephone number	
+38 050 252 27 22	

2. HAZARDS IDENTIFICATION

2.1 Classification of product according to Regulation (EC) No 1272/2008 [CLP/GHS]		
Acute toxicity (oral) 4, H302 Skin irritation 2, H315 Serious eye damage 1, H318 Aquatic Chronic 3, H412		
2.2 Label elements		
Hazard pictograms:		
Signal word:	Danger	
Hazard statements:	H302 H315 H318 H412	Harmful if swallowed Causes skin irritation Causes serious eye damage Harmful to aquatic life with long lasting effects
Precautionary statements:	P264 P270 P273 P280	Wash hands thoroughly after handling Do not eat, drink or smoke when using this product Avoid release to the environment Wear protective gloves, eye protection
Measures for safe handling:	P302+P352 P333+P313 P310 P305+P351+ P338 P301+P312 P330	IF ON SKIN: Wash with plenty of soap and water If skin irritation or rash occurs: Get medical advice Immediately call a poison center or doctor IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell. Rinse mouth
Safe storage conditions:	Absent	
Additional labeling requirements:	P501	Dispose of contents/container to special organization, which deals with the disposal of hazardous wastes in accordance with the requirements of national legislation
2.3 Other hazards		
The concentrate does not meet the criteria for persistent bioaccumulative (PBT) or very persistent very		

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bioaccumulative (vPvB) constituents				
3. COMPOSITION/INFORMATION ON INGREDIENTS				
3.2 Mixture				
For the mixture classification an actual content of hazardous components is applied.				
Components				
Name	CAS	EINECS	Classification (CLP/GHS)	Weight (%), content (or range)
Water	7732-18-5	231-791-2	Not classified	25-50
Sodium Laureth Sulfate	3088-31-1/ 9004-82-4/ 68891-38-3/ 1335-72-4/ 68585-34-2/ 91648-56-5	221-416-0/ 618-398-5/ 500-234-8/ 603-752-3/ 500-223-8/ 293-918-8	Acute toxicity (oral) 4, H302 Skin irritation 2, H315 Serious eye damage 1, H318 Aquatic Chronic 3, H412	25-50
Propylene glycol	57-55-6	200-338-0	Not classified	1-10
Disodium laureth sulfosuccinate	39354-45-5	609-656-8	Causes eyes irritation 2, H319	1-5
Sodium Chloride	7647-14-5	231-598-3	Not classified	1-5
Cocamidopropyl Betaine	61789-40-0	263-058-8	Skin irritation 2, H315 Causes eyes irritation 2, H319	1-3
Polyquaternium-7	26590-05-6	607-965-2	Aquatic Chronic 3, H412	0,1-1
Methylchloroisothiazolinone	26172-55-4	247-500-7	Acute toxicity (oral) 2, H300 Acute toxicity (dermal) 2, H310 Skin corrosion 1, H314 Skin sensitization 1, H317 Serious eye damage 1, H318 Acute toxicity (inhal) 2, H330 Aquatic Acute 1, H400	0,01-0,1
Methylisothiazolinone	2682-20-4	220-239-6	Acute toxicity (oral) 3, H301 Acute toxicity (dermal) 3, H311 Skin corrosion 1, H314 Serious eye damage 1, H318 Skin sensitization 1, H317 Acute toxicity (inhal) 2, H330 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	
Tetrasodium ethidronate	3794-83-0	223-267-7	Acute toxicity (oral) 4, H302 Causes eyes irritation 2, H319	0,01-0,1
Pentasodium pentenate	140-01-2	205-391-3	Reproductive toxicity 1, H360 Acute toxicity (inhal) 4, H332 STOT-RE 2, H373	0,01-0,1
4. FIRST AID MEASURES				
4.1 Description of first aid measures				
General measures:	In the presence of symptoms of exposure to the substance, it is necessary to provide first medical aid. If the symptoms do not go away - seek medical attention			
In case of eye contact:	Check and remove any contact lenses. Rinse with plenty of warm water for at least 15 minutes, lifting the upper and lower eyelids. Immediately consult a doctor			
In case of skin contact:	Remove contaminated clothing. Immediately 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. Wash contaminated clothing before reuse			

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In case of ingestion:	Give plenty of water (only if the victim is conscious). Seek immediate medical attention. Do not induce vomiting
In case of inhalation:	Provide fresh air. If the symptoms do not pass or are in doubt, seek medical attention. Immediately seek medical attention if there is an irritation of the respiratory tract
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	
Treatment: symptomatic treatment	
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	
Carbon oxide, carbon dioxide, decomposition products are formed during a fire	
5.3 Advice for firefighters	
Use standard fire extinguishing procedures and take into account the hazards of other related materials. Special protective equipment: wear protective clothing. In case of dangerous vapors use respiratory apparatus	
6. ACCIDENTAL RELEASE MEASURES	
6.1 Personal precautions, protective equipment and emergency procedures	
Call for personnel who are empowered to act in emergencies. Remove all incompetent people from the territory. Ensure adequate ventilation. Spilled material may be slippery	
6.1.1 For non-emergency personnel	Do not touch or walk on the spilled material. Avoid contact with skin and eyes. Avoid inhaling vapors
6.1.2 For emergency responders	Protective equipment should be used in accordance with section 8.
6.2 Environmental precautions	
Do not allow product to come into contact with soil, sewage, surface water or groundwater. Prevention of product intrusion into the sewage and drainage system should be avoided. Inform the relevant service in case of emergency foreclosure of the product in the environment.	
6.3 Methods and material for containment and cleaning up	
Stop leak. Collect spilled material with absorbent material, and place in a sealed container for further disposal. Keep containers closed and disposed of in accordance with all applicable environmental regulations.	
6.4 Reference to other section	
Information about personal precautions - see Section 8. Information about waste disposal - see Section 13.	
7. HANDLING AND STORAGE	
7.1 Precautions for safe handling	
Protective measures: avoid contact with eyes, skin, inhalation or ingestion. Use personal protective equipment. Use in well-ventilated place. Use personal protective equipment. Environmental protection measures: sealing equipment and communication, adhering to the technological regime and rules of storage and transportation of the product, efficient working ventilation systems. Recommendations on industrial hygiene: do not eat, drink at work. Remove contamination and protective clothing before entering the reception area. Wash hands, forearms and face thoroughly after handling with the product before taking a meal.	
7.2 Conditions for safe storage, including any incompatibilities	
Storage conditions:	Store in a dry and well-ventilated place at a temperature from + 5°C to + 25°C
Special requirements for packaging:	Hermetically sealed container
Requirements for storage rooms:	Closed premises
Additional information on storage requirements:	Prevent unauthorized access, from moisture and direct sunlight
7.3 Specific end use(s)	

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None		
8. EXPOSURE CONTROLS / PERSONAL PROTECTION		
8.1 Control parameters		
Maximum permissible concentrations of harmful substances in the air of the working zone	Sodium Laureth Sulfate	DNEL – 1,102 mg/m³
	Cocamidopropyl Betaine	DNEL – 8.22 mg/m³
	Methylisothiazolinone	DNEL – 21 µg/m³
	Tetrasodium ethidronate	DNEL – 16,9 mg/m³
	Pentasodium pentenate	DNEL – 1,5 mg/m³
8.2 Exposure controls		
The information in this section contains generic advice and guidance.		
8.2.1 Appropriate engineering controls		
Provide the mechanization and automation of production processes. Ensure tightness of equipment and containers. Production facilities must be equipped with general exhaust and local ventilation. Conduct periodic monitoring of volatile components in the air of the working area		
8.2.2 Individual protection measures, such as personal protective equipment		
Respiratory protection:	No special protection is recommended during normal operation	
Hands protection:	Protective gloves.	
Eye protection:	Protective goggles.	
Skin cover protection:	Protective clothing to minimize skin contact.	
8.2.3 Environmental exposure controls		
Measures to prevent exposure:	Do not allow product to come into contact to soil, sewers and ground water.	
9. PHYSICAL AND CHEMICAL PROPERTIES		
9.1 Information on basic physical and chemical properties		
Appearance	Liquid	
Colour	No data available	
Odour	Specific	
Melting point/freezing point, °C	No data available	
Boiling point or initial boiling point and boiling range, °C	No data available	
Flammability	No data available	
Lower and upper explosion limit	No data available	
Auto-ignition temperature, °C	No data available	
Decomposition temperature, °C	No data available	
pH	No data available	
Kinematic viscosity, mm²/s	No data available	
Flash point, °C	No data available	
Solubility	Soluble	
Partition coefficient n-octanol/water (log value)	No data available	
Vapor pressure	No data available	
Density and/or relative density	No data available	
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		
10. STABILITY AND REACTIVITY		
10.1 Reactivity	Not reactive	

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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 acids and alkalis
10.6 Hazardous decomposition products	Under the conditions of application, storage and transportation, the product does not decompose

11. TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008	
Clinical performance of acute poisoning	Harmful if swallowed. Causes skin irritation. Causes serious eye damage.
The most affected organs, tissues, systems	Skin, mucous membranes
Acute toxicological indication	Sodium Laureth Sulfate - LD ₅₀ – 15000 mg/kg (rat); Cocamidopropyl Betaine - LD ₅₀ – 5000 mg/kg (rat); Methylisothiazolinone - LD ₅₀ – (120-327,7) mg/kg (rat); Tetrasodium ethidronate - LD ₅₀ – 2850 mg/kg (rat); Pentasodium pentenate - LD ₅₀ – 5000 mg/kg (rat)
Skin corrosion/irritation	Category 2. Causes skin irritation
Serious eye damage/eye irritation	Category 1. Causes serious eye damage
Respiratory or skin sensitization	Not sensitization
Germ cell mutagenicity	Not expected to be a germ cell mutagen
Carcinogenicity	Not expected to cause cancer
Reproductive toxicity	Not toxicity
STOT - single exposure	No adverse effects expected
STOT - repeated exposure	No adverse effects expected
Aspiration hazard	Not classified
11.2 Information on other hazards	
Endocrine disrupting properties	None
Other information	None

12. ECOLOGICAL INFORMATION

12.1 Toxicity	
Ecotoxicity	The product is not classified as hazardous to aquatic life. Data on substances presented below.
Ecotoxicity values:	
Acute toxicity to fish:	Sodium Laureth Sulfate - LC50 (4 days) – (25-102.59) mg/L; Cocamidopropyl Betaine - LC50 (4 days) – 2 mg/L; Methylisothiazolinone - LC50 (4 days) – (4,77-6) mg/L; Tetrasodium ethidronate - LC50 (4 days) – (195-2180) mg/L; Pentasodium pentenate – NOEC (4 days) – 1 g/L
Toxicity to aquatic invertebrates:	Sodium Laureth Sulfate - EC50 (48 h) – 86.09 mg/L; Cocamidopropyl Betaine - EC50 (48 h) – 6.4 mg/L; Methylisothiazolinone - EC50 (48 h) – 1,6 mg/L; Tetrasodium ethidronate - EC50 (48 h) – 527 mg/L; Pentasodium pentenate - LC50 (48 h) – 245 mg/L
Toxicity to aquatic algae and cyanobacteria:	Sodium Laureth Sulfate - EC50 (72 h) – 115.072 mg/L; Cocamidopropyl Betaine - EC50 (48 h) – 30 mg/L; Methylisothiazolinone – EC50 (24 h) – 445 mg/L; Pentasodium pentenate – NOEC (23 days) – 400 µ/L
Toxicity to microorganisms:	Cocamidopropyl Betaine - EC0 (16 h) – 3 g/L; Sodium Laureth Sulfate - EC50 (3 h) – 135 mg/L;

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	Methylisothiazolinone - EC50 (3 h) – 41 mg/L; Tetrasodium ethidronate – NOEC (11 days) – 200 mg/L; Pentasodium pentenate - EC50 (3 h) – 1 g/L				
12.2 Persistence and degradability					
Abiotic Degradation		No data available			
Biodegradation		No data available			
12.3 Bioaccumulative potential					
Not determined					
12.4 Mobility in soil					
No data available					
12.5 Results of PBT and vPvB assessment					
Product doesn't contain any PBT or vPvB constituent					
12.6 Endocrine disrupting properties					
None					
12.7 Other adverse effects					
None					
13. DISPOSAL CONSIDERATIONS					
13.1 Waste treatment methods					
Proper disposal / product		Waste disposal must be carried out in strict accordance with the requirements of national, regional and local waste disposal legislation.			
Waste Norms / waste categories by European Waste Catalogue EWC / AVV		According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.			
Proper disposal / packaging		Packaging must be disposed of in accordance with national, regional and local regulations.			
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 regulations					
14.1 UN number		Not applicable			
14.2 UN proper shipping name		Not applicable			
14.3 Transport hazard class(es)		Not applicable			
14.4 Packing group/ Packing instruction		Not applicable			
14.5 Environmental hazards		Not applicable			
14.6 Special precautions for user		Not applicable			
14.7 Maritime transport in bulk according to IMO instruments		Not applicable			
15. REGULATORY INFORMATION					
15.1 Safety, health and environmental regulations/legislation specific for the substance					
1. Regulation (EC) No 1272/2008					
2. Regulation (EC) No 2020/878					
3. Regulation (EC) No 1907/2006					
15.2 Chemical Safety Assessment					
Chemical safety assessment has not been carried for the product					
16. OTHER INFORMATION					
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,			

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	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.
Safety Data Sheet usage	During the development of normative documents concerning occupational safety requirements and environmental protection; as the basis for medical and ecological activities during manufacture, use, storage and transportation of the product, during organization of manufacture and hygienic assessment of working conditions, when importing or exporting as part of support documentation.
Training instructions	Read carefully the Safety Data Sheet before using this product.
Uses advised against when using chemical 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.
Abbreviations	LD ₅₀ – lethal dose; DNEL - minimum level of influence is set; NOEC - no observed effects concentration; LC50 - average lethal concentration; EC50 - effective concentration; PBT or vPvB - persistent bioaccumulative or very persistent very bioaccumulative substance.
Information sources	Hazardous Substances Database (HSDB) of the US National Library of Medicine. ECHA database of registered substances. GESTIS database of environmental substances.