



ZENI Holding sro
Špitálska 53, 811 01 Bratislava-Old Town, Slovak Republic
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Email: info@zeniholding.eu

Safety data sheet

according to Annex II of Regulation (EC) No 1907/2006 of the European Parliament and of the Council and Commission Regulation (EU) 2020/878

Release date: 4.3.2019
Revision date no.1: 7.12.2020
Revision Date No. 2: 17.4.2025
Product name: **ZENICOLOR Solo (Passion, Mandarin, Rose, Lime, Turquoise, Chocolate, Lemon, Peach, Vin Rouge, Caramel, Autumn, Olive, Froggy, Emerald, Deep river)**

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

1.1. Product identifier

Chemical name/Synonyms: - Trade

name: **ZENICOLOR Solo (Passion, Mandarin, Rose, Lime, Turquoise, Chocolate, Lemon, Peach, Vin Rouge, Caramel, Autumn, Olive, Froggy, Emerald, Deep river)**

UFI: **QUA0-S0VG-800J-5T45**

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Soap dyes, for coloring handmade soaps.

Uses advised against: The product must not be used in ways other than those listed in section 1.

1.3. Details of the supplier of the safety data sheet

Supplier of the KBU: ZENI Holding sro

Address: Špitálska 53, 811 01 Bratislava-Old Town, Slovak Republic

Telephone: +421 917 887 746

E-mail: dnikitin@zeniholding.eu

1.4. Emergency telephone number

+421 2 5477 4166 (24/7 service)

National Toxicology Information Center, FNŠP Bratislava, Limbová 5, 833 05 Bratislava, SR

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification of the mixture according to Regulation (EC) No. 1272/2008 of the European Parliament and of the Council:

It is not classified.

2.2. Labeling elements

Warning pictogram: no pictogram

Signal word: no signal word

Warnings: not applicable

Safety warnings:

P102 Keep out of reach of children.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Regulation (EC) No 648/2004 on detergents (content labelling):

anionic surfactants 15% - < 30%,

soap ≥ 30 %,

dye.

2.3. Other hazards

It does not contain components that meet the PBT and/or vPvB criteria according to Annex XIII of Regulation (EC) No. 1907/2006.

The mixture does not contain substances that disrupt the endocrine system.



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SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable. The product is a mixture of substances.

3.2. Mixtures

Ingredients: water; propane-1,2-diol; glycerol; alcohols C12-14, ethoxylated, sulfates, sodium salts; sodium octadecanoate; corn syrups, hydrogenated; sodium dodecanoate; sodium chloride; dyes; C10-16-alkyl alcohols, ethoxylated, sulfosuccinates, disodium salts; tetrasodium ethylenediaminetetraacetate.

Názov zložky	glycerol	alkoholy C12-14, etoxylované, sírany, sodné soli	nátrium-dodekanoát
Koncentrácia	10 – 20 %	1 – 5 %	< 3 %
CAS	56-81-5	68891-38-3	629-25-4
EC	200-289-5	500-234-8	211-082-4
Registračné č.	-	01-2119488639-16-xxxx	-
Symbol	-		
Klasifikácia, H výroky	-	Eye Dam. 1, H318 Skin Irrit 2, H315 Aquatic Chronic 3, H412	Eye Dam. 1, H318 Skin Irrit 2, H315 STOT SE 3, H335
Špecifické koncentračné limity, M faktory	-	Eye Dam. 1: $c \geq 10\%$; Eye Irrit. 2: $5\% < c < 10\%$;	-
Výstražné slovo	-	Nebezpečenstvo	Nebezpečenstvo
Najvyššie prípustné expozičné limity (NPEL)	áno	nie	nie
PBT/vPvB	nie	nie	nie

Názov zložky	C ₁₀₋₁₆ -alkylalkoholy, etoxylované, sulfosukcináty, disodné soli	tetranátrium-etyléndiaminotetraacetát
Koncentrácia	0,5 – 1 %	< 0,1 %
CAS	68815-56-5	64-02-8
EC	500-232-7	200-573-9
Registračné č.	-	-
Symbol		
Klasifikácia, H výroky	Eye Irrit. 2, H319	Acute Tox. 4, H302 Eye Dam. 1, H318
Špecifické koncentračné limity, M faktory	-	-
Výstražné slovo	Pozor	Nebezpečenstvo
Najvyššie prípustné expozičné limity (NPEL)	nie	nie
PBT/vPvB	nie	nie

Pozn.: Úplné znenie H-výrokov je uvedené v oddiele 16.

Exposure limit values, if established, are given in Chapter 8.1.

Percentage of pigment composition:

	C.I. 51319 %	C.I. 21108* %	C.I. 74160 %	*Content of 3,3'-dimethylbenzidine, ppm
Passion	<2,0	<1,0		<1
Mandarin	<1,0	<1,0		<1
Rose	<2,0	<0,5		<1
Lime		<1,0	<0,5	<1
Turquoise		<0,5	<1,0	<1

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Chocolate	<1,0	<1,0	<0,5	<1
Lemon		<2,0		<1
Peach	<1,0	<1,0		<1
Vin Rouge	<2,0	<1,0	<0,5	<1
Caramel	<0,5	<1,0	<0,5	<1
Autumn	<0,5	<1,0	<0,5	<1
Olive	<0,5	<1,0	<0,5	<1
Froggy	<0,5	<1,0	<0,5	<1
Emerald		<0,5	<0,5	<1
Deep river <1.0 *REGULATION (EC)		<0,5	<1,0	<1

No 1223/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on cosmetic products –
 ANNEX IV/48 – Maximum concentration of 3,3'-dimethylbenzidine in the dye: 5 ppm – **fulfilled**.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:

Move the victim to fresh air, away from the scene of the accident.

Eyes:

Remove contact lenses, if present. Immediately flush eyes with plenty of water for at least 15 minutes. minutes, with eyelids fully open. Seek medical attention.

Skin:

Remove contaminated clothing. Shower affected skin. Seek medical attention.

Ingestion:

Unlikely. If swallowed, rinse mouth. Do not induce vomiting. Seek medical attention. doctor.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms and effects caused by the contained substances are listed in section 11.

4.3. Indication of any immediate medical attention and special treatment needed

Seek medical attention for both acute and delayed symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: carbon dioxide, foam, sand, extinguishing powder, water spray.

Unsuitable extinguishing media: full water jet.

5.2. Special hazards arising from the substance or mixture

Burning often produces thick black smoke. Exposure to decomposition products can be hazardous to health.

Do not inhale smoke.

5.3. Instructions for firefighters

Use self-contained breathing apparatus and a full combination of protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

See safety precautions in sections 7 and 8. Be aware of the risk of slipping.

6.2. Environmental safety measures

To remove spilled product, use non-combustible absorbent materials such as sand, earth, vermiculite, Spreading soil in waste disposal containers. Do not dispose of in the natural environment (watercourses, soil and vegetation).

6.3. Methods and material for containment and cleaning up

Collect spilled product in a suitable container. Soak up the residue with inert absorbent material.

Wash the contaminated area with plenty of water.

6.4. Reference to other sections

For personal protective equipment see section 8. For waste disposal instructions see section 13.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Product for external use - do not swallow. Use as directed on label. Avoid contact mixed with eyes.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original containers, away from light and out of reach of children. Do not exceed the period The shelf life stated on the packaging.

7.3. Specific end use(s)

Mentioned in point 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Occupational exposure limits

The control parameters of the product components are set out in Regulation of the Government of the Slovak Republic No. 355/2006 Coll. on the protection of employees from risks related to exposure to chemical factors at work, as amended by the Government of the Slovak Republic No.

300/2007 Coll., Government of the Slovak Republic No. 471/2011 Coll., Government of the Slovak Republic No. 82/2015 Coll., Government of the Slovak Republic No. 33/2018 Coll. and Government of the Slovak Republic No. 236/2020 Zz

Chemical substance	CAS	NPEL				Note		
		average		short-term				
		ppm	mg.m-3	10			ppm	mg.m-3
Glycerin	56-81-5							

The maximum permissible exposure limits (MPELs) for chemical agents are set by the average value and short-term value. The average NPEL represents the time-weighted average of concentrations measured in breathing zone for an eight-hour work shift and a 40-hour work week. Short-term NPEL represents the time-weighted average of concentrations measured during a 15-minute reference time, to which employees may be exposed at any time during the shift (maximum 4 times per shift and only for substances with systemic effect).

8.1.2. Biological limit values

The mixture does not contain substances for which biological exposure test parameters are determined according to the Regulation

of the Government of the Slovak Republic No. 355/2006 Coll. as amended by the Government of the Slovak Republic No. 300/2007 Coll., Government of the Slovak Republic No. 471/2011 Coll., Government of the Slovak Republic no. 82/2015 Coll., NV SR no. 33/2018 Coll. and NV SR no. 236/2020 Coll

8.1.3. DNEL and PNEC values

DNEL, C12-14-alcohols, ethoxylated, sulfates, sodium salts, CAS 68891-38-3

Workers/consumers Route of exposure	Value	Effect
workers	2750	
dermal workers inhalation consumers oral	mg/kg/day 175 mg/	long-term systemic effects
consumers dermal consumers inhalation	m3 15 mg/kg/	long-term systemic effects
	day 85 mg/kg/	long-term systemic effects
	day 3 mg/m3	long-term systemic effects
		long-term systemic effects

PNEC, C12-14-alcohols, ethoxylated, sulfates, sodium salts, CAS 68891-38-3

Exposure route	Value	Determining value
freshwater environment 0.24 mg/l		
sea water 0.024 mg/l		
water (occasional leak) 0.071 mg/l		
soil (agricultural) 0.946 mg/kg		
freshwater sediments 5.45 mg/kg sediment dry matter		
marine sediments 0.545 mg/kg sediment dry matter		
STP, microorganisms in wastewater treatment plants 10 mg/l		

DNEL, tetranatrium-ethylendiaminetetraacetate, CAS 64-02-8:

ZENICOLOR Solo (Passion, Mandarin, Rose, Lime, Turquoise, Chocolate,
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Workers/consumers Route of exposure	workers	Value 2.5	Effect
inhalation workers inhalation consumers	consumers	mg/m3	acute systemic effects
inhalation consumers inhalation consumers	consumers	2.5 mg/m3	acute local effects
oral		1.5 mg/m3	acute systemic effects
		1.5 mg/m3	acute local effects
		25 mg/kg/day	long-term, systemic effect

PNEC, tetrasodium ethylenediaminetetraacetate, CAS 64-02-8

Exposure route	Value	Determining value
freshwater environment	2,2 mg/l	
marine water	0,22 mg/l	
water (occasional release)	1,2 mg/l	
freshwater sediments marine	data not available	
sediments soil	data not available	
(agricultural) microorganisms in	0.72 mg/kg soil dry matter	
wastewater treatment plants 43 mg/l		
oral, food chain	data not available	

8.2. Exposure controls

8.2.1. Adequate technical and hygienic arrangements

Ensure natural ventilation.

8.2.2. Individual protective measures, such as personal protective equipment

a) Eye/face protection

Avoid contact with eyes. A source of water must be nearby.

b) Skin protection

Hand protection:

Not applicable.

Body protection:

Not applicable.

c) Respiratory protection

Not applicable under normal conditions of use. d)

Thermal hazards

Not applicable.

8.2.3. Environmental exposure controls

See point 6.2.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	pasta
Colour	various (corresponds to the name)
Odour	without fragrance
Melting/freezing point Boiling	35°C
point or initial boiling point and boiling range	data not available
Flammability	where is it
Lower and upper explosion limits Flash	where is it
point Auto-ignition	where is it
temperature Decomposition	where is it
temperature pH	data not available
value Kinematic	data not available
viscosity	data not available

ZENICOLOR Solo (Passion, Mandarin, Rose, Lime, Turquoise, Chocolate,
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Water solubility Partition	soluble data
constant (log value)	not available data not
Vapour	available data not available
pressure Density and/or relative density	data not available data not
Relative vapour density	available
Particle properties	

9.2. Other information

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SECTION 10: Stability and reactivity**10.1 Reactivity**

There is no risk of hazardous reactivity when used as recommended.

10.2. Chemical stability The

product is stable under normal conditions of use and storage.

10.3 Possibility of hazardous reactions No

hazardous reactions are foreseeable under normal conditions of use and storage.

10.4 Conditions to avoid Avoid freezing.

10.5 Incompatible materials Do not mix with other mixtures.

10.6. Hazardous decomposition products

None under normal conditions of use. In case of high temperatures, hazardous decomposition products such as smoke, carbon monoxide and carbon dioxide may be formed.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No. 1272/2008 Acute toxicity Based on available data, the

classification criteria are not met. **Skin corrosion/irritation** Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation Based on available data, the classification criteria are not met.

Respiratory/Skin sensitization Based on available data, the classification criteria are not met.

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity Based on available data, the classification criteria are not met.

Specific target organ toxicity - single exposure Based on available data, the classification criteria are not met.

Specific target organ toxicity - repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard Based on available data, the classification criteria are not met.

11.2. Information on other hazards Not available.

SECTION 12: Ecological information**12.1. Toxicity****Acute toxicity**

~~C12-14 alcohols, ethoxylated, sulfates, sodium salts, CAS 68891-38-3:~~ _____

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LC50, fish, Brachydanio rerio: 7.1 mg/l/96 h
EC50, daphnia, Daphnia magna: 7.2 mg/l/48 h
EC50, algae, Desmodesmus subspicatus: 2.6 mg/l/ 72 h
tetranatrium-ethylendiaminetetraacetate, CAS 64-02-8:

LC50, fish, Lepomis macrochirus: > 100 mg/l/96 h
EC50, daphnia, Daphnia magna: > 100 mg/l/48 h

12.2. Persistence and degradability

The surfactants contained in this product meet the biodegradability criteria according to Regulation (EC) No. 648/2004 on detergents. Data supporting this declaration are at the disposal of the competent authorities of the Member States. States and will be made available to them upon their direct request or at the request of the detergent manufacturer.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Properties of endocrine disruptors

The mixture does not contain substances that disrupt the endocrine system.

12.7. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of in accordance with Act No. 79/2015 Coll. on waste and in accordance with local regulations. Unused Place the product and contaminated packaging in marked waste collection containers and hand them over to an organization with the issued waste management consent.

Waste type code

Number of group, subgroup and type of waste (according to the Waste

Catalogue): 20 MUNICIPAL WASTE (HOUSEHOLD WASTE AND SIMILAR WASTE FROM COMMERCE, INDUSTRY AND INSTITUTIONS) INCLUDING THEIR COMPONENTS FROM SEPARATE COLLECTION

20 01 SEPARATELY COLLECTED MUNICIPAL WASTE (EXCEPT 15 01) 20 01 29 detergents containing dangerous substances, waste category "N"

Waste type code for packaging

Number of group, subgroup and type of waste (according to the Waste Catalogue):

15 WASTE PACKAGING, ABSORBENTS, CLEANING CLOTHES, FILTERING MATERIAL AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED

15 01 PACKAGING (INCLUDING PACKAGING WASTE FROM SEPARATE COLLECTION) MUNICIPAL WASTE)

15 01 02 plastic packaging, waste category "N".

If this product and its packaging become waste, the end user must assign the appropriate waste code

according to the Decree of the Ministry of Environment of the Slovak Republic No. 365/2015 Coll., which establishes the Waste Catalogue. Waste codes are recommendations based on the intended use of this product. Based on the specific conditions of the user

Additional waste codes may be assigned for use and disposal, depending on the circumstances.

SECTION 14: Transport information

The product is not subject to regulations for road (ADR), rail (RID), sea (IMDG) and air (IACAO/IATA) transportation of dangerous goods.

14.1. UN number or identification number

Unusable.

14.2. UN Proper Shipping Name

Unusable.

14.3. Transport hazard class(es)

ZENICOLOR Solo (Passion, Mandarin, Rose, Lime, Turquoise, Chocolate, Lemon, Peach, Vin Rouge, Caramel, Autumn, Olive, Froggy, Emerald, Deep river)

Unusable.

14.4 Packing group Not applicable.

14.5. Environmental hazards Not applicable.

14.6 Special precautions for user Not applicable.

14.7. Sea transport of bulk cargo according to the IMO instrument
The information is not relevant.

SECTION 15: Regulatory information

15.1. Safety, health and safety regulations/legislation specific for the substance or mixture and the environment -

REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending and

supplementing certain Directives - Regulation of the European Parliament and of the Council (EC) No. 1272/2008 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.

- Commission Regulation (EU) No 2020/878 amending Annex II to Regulation (EU) No 1092/2010 of the European Parliament and of the Council and Council Regulation (EC) No 1907/2006

- Act No. 67/2010 Coll. on the conditions for placing chemical substances and chemical mixtures on the market and on amendments to certain acts (Chemical Act)

- Regulation of the Government of the Slovak Republic No. 355/2006 Coll. on the protection of employees from risks related to exposure chemical factors at work, as amended - Act No. 79/2015 Coll. on

waste and on amendments and supplements to certain acts - Decree of the Ministry of the Environment of the Slovak Republic No. 365/2015 Coll., establishing the Waste Catalogue - REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (EC) No. 1223/2009 on cosmetic products
products

Restrictions according to Regulation 552/2009 (Annex XVII of Regulation (EC) No 1907/2006 of the European Parliament and of the Council REACH): none.

Substances included in the Candidate List of Substances of Very High Concern (SVHC) according to Regulation (EC) No. 1907/2006 of the European Parliament and of the Council REACH: none.

Substances included in Annex XIV of Regulation (EC) No. 1907/2006 of the European Parliament and of the Council (REACH): none **15.2. Chemical safety**

assessment Not processed.

SECTION 16: Other information

16.1. Text of H-statements, hazard classes and abbreviations

List of hazard statements used in the safety data sheet: H302 Harmful if swallowed.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H412 Harmful to aquatic life with long lasting effects.

Hazard classes: Acute

Tox. 4 – Acute toxicity, category 4 Eye Dam. 1 –

Serious eye damage, category 1 Eye Irrit. 2 – Eye

irritation, category 2 Skin Irrit. 2 – Skin irritation,

category 2 STOT SE 3 – Specific target organ

toxicity – single exposure, category 3 Aquatic Chronic 3 – Hazardous to the aquatic environment,

category 3 (chronic)

Abbreviations

used: EC: EINECS number – European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstract Service number

SDS: Safety Data Sheet

CLP: Regulation (EC) No 1272/2008

GHS: Globally Harmonized System of Classification and Labelling of Chemicals REACH: Regulation (EC) No 1907/2006 NPEL:

Permissible Exposure Limit DNEL: Derived No-Effect

Levels PNEC: Predicted No-Effect Concentrations PBT: Persistent, Bioaccumulative and

Toxic vPvB: Very Persistent and Very Bioaccumulative SVHC (Substance of Very High Concern):

Substance of Very High Concern LC50: Lethal Concentration

for 50% of the Test Population EC50: Concentration at which 50% of

the Population is Effectively Affected ADR: European Agreement concerning the International

Carriage of Dangerous Goods by Road RID: Regulations concerning the

International Carriage of Dangerous Goods by Rail IMDG/IMO: International Maritime

Dangerous Goods Regulations ICAO/IATA: International Air Transport Regulations air transport

of dangerous goods **16.2. Recommendations for training** Inform workers of the recommended method of use, mandatory protective equipment, first aid and prohibited handling of the product.

16.3. Recommended restrictions on use The product should not be used for any purpose other than that specified in point 1.2. The Importer/Distributor assumes no liability for misuse of the product in view of the above safety precautions. **16.4. Further information** Further information is available: see chap. 1.3.

16.5. Sources of key data The information provided here is based on the best of our knowledge and current legislation, in particular Act No. on the conditions for placing chemical substances and chemical mixtures on the market (Chemical Act), including implementing regulations, Regulation of the European Parliament and of the Council (EC) No. 1907/2006 (REACH), Regulation of the European Parliament and of the Council (EC) No. 1272/2008, Regulation of the Government of the Slovak Republic No. 355/2006, as amended.

16.6. Changes in the revision of the safety data sheet Reason for revision No. 1: the manufacturer changed the composition of the product, partial change of texts in the SDS. Reason for revision No. 2: change in legislation – Commission Regulation (EU) 2020/878, Regulation of the Government of the Slovak Republic No. 236/2020 Coll. The issuance of this SDS supersedes all previous SDSs.