

SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended

HEY

Gel Polish

Creation date 08th November 2023

Revision date Version 1.0

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

1.1. Product identifier

Gel Polish

Substance / mixture

mixture

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

Mixture's intended use

Nail cosmetics.

Mixture uses advised against

The product should not be used in ways other than those referred in Section 1.

1.3. Details of the supplier of the safety data sheet

Manufacturer

Name or trade name

Viktoriia Dutchak / TM HEYLOVE

Address

Pervomaisk, street Gvardiyska, 1/4, apart. 6,
Mykolaiv region, Ukraine
Ukraine

Phone

+380931915665

E-mail

business@heylove.com.ua

Competent person responsible for the safety data sheet

Name

Viktoriia Dutchak / TM HEYLOVE

E-mail

business@heylove.com.ua

1.4. Emergency telephone number

Antigif Centrum Centre Antipoisons (Belgium), Tel. No.: +32 070 245 245

National Toxicology Centre, Hospital for Active Medical Treatment and Emergency Medicine "N.I.Pirogov" (Bulgaria), Tel. No. / fax: +359 2 9154 233

Poison Control Centre (Croatia), Tel. No.: +385 1 234 8342

Toxicological Information Centre (Czech Republic), Tel. No.: +420 224 919 293 / +420 224 915 402

Poison Control Hotline (Denmark), Tel. No.: +45 82 12 12 12

Poisoning Information Centre (Estonia), Tel. No.: +372 794 3794 (or 16662 national)

Poison Information Centre (Finland), Tel. No.: +358 09 471 977

ORFILA (INERIS) (France), Tel. No.: +33 (0) 1 45 42 59 59

Health Toxicological Information Service (Hungary), Tel. No.: +36 80 20 11 99

Poison Centre (Iceland), Tel. No.: +354 543 2222

Valsts Toksikoloģijas centrs, Saindēšanās un zāļu informācijas centrs (Latvia), Tel. No.: +371 670 42473

The State Medicines Control Agency (SMCA), Poison Information Bureau (PIB) (Lithuania), Tel. No.: +370 5 236 20 52

Mater Dei Hospital (Malta), Tel. No.: +356 2545 0000

National Poisons Information Centre (NVIC) (Netherlands), Tel. No.: +31 (0) 30 274 8888

Mental Health Helpline (Norway), Tel. No.: +47 22 59 13 00

Instituto Nacional de Emergência Médica (Portugal), Tel. No.: +351 213 303 271

Biroul RSI si Informare Toxicologica (Romania), Tel. No.: +40 021 318 3606

National Toxicological Information Centre (NTIC) (Slovakia), Tel. No.: +421 2 5477 4166

Toxicology Information Service (Spain), Tel. No.: +34 91 562 04 20

Swedish Poisons Information Centre (Sweden), Tel. No.: +46 10 456 6700

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is classified as dangerous.

Skin Irrit. 2, H315

SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended

HEY

Gel Polish

Creation date 08th November 2023

Revision date Version 1.0

Skin Sens. 1A, H317
Eye Irrit. 2, H319
Carc. 2, H351 (inhalation)
STOT RE 2, H373
Aquatic Chronic 3, H412

Full text of all classifications and hazard statements is given in the section 16.

Most serious adverse effects on human health and the environment

Causes serious eye irritation. Causes skin irritation. May cause an allergic skin reaction. May cause damage to organs through prolonged or repeated exposure. Suspected of causing cancer if inhaled. Harmful to aquatic life with long lasting effects.

2.2. Label elements

Hazard pictogram



Signal word

Warning

Hazardous substances

Methacrylic acid, monoester with propane-1,2-diol
INCI: HYDROXYPROPYL METHACRYLATE
2-hydroxyethyl methacrylate
INCI: HEMA
Phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide
INCI: BIS-TRIMETHYLBENZOYL PHENYLPHOSPHINE OXIDE
Titanium dioxide
INCI: CI 77891

Hazard statements

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H351	Suspected of causing cancer if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements

P102	Keep out of reach of children.
P260	Do not breathe vapours.
P264	Wash hands and exposed parts of the body thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear protective gloves.
P362+P364	Take off contaminated clothing and wash it before reuse.
P405	Store locked up.
P501	Dispose of contents/container to in accordance with local/regional/national/international regulations.

Supplemental information

SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended

HEY

Gel Polish

Creation date 08th November 2023

Revision date Version 1.0

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

Requirements for child-resistant fastenings and tactile warning of danger

Container must carry a tactile warning of danger.

2.3. Other hazards

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. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
CAS: 41137-60-4 EC: 255-239-5	7,7,9-trimethyl-4,13-dioxo-3,14-dioxo-5,12-diazahexadecane-1,16-diyl bismethacrylate INCI: Di-HEMA Trimethylhexyl Dicarbamate	46	not classified as dangerous	
CAS: 27813-02-1 EC: 248-666-3	Methacrylic acid, monoester with propane-1,2-diol INCI: HYDROXYPROPYL METHACRYLATE	23	Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Irrit. 2, H319	
Index: 607-124-00-X CAS: 868-77-9 EC: 212-782-2	2-hydroxyethyl methacrylate INCI: HEMA	17	Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Irrit. 2, H319	1
CAS: 947-19-3 EC: 213-426-9	Hydroxycyclohexyl phenyl ketone INCI: HYDROXYCYCLOHEXYL PHENYL KETONE	6	not classified as dangerous	
Index: 015-189-00-5 CAS: 162881-26-7 EC: 423-340-5	Phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide INCI: BIS-TRIMETHYLBENZOYL PHENYLPHOSPHINE OXIDE	4	Skin Sens. 1A, H317 Aquatic Chronic 4, H413	
CAS: 158451-77-5	Polysilicone-13 INCI: POLYSILICONE-13	1	not classified as dangerous	
may contain				
Index: 022-006-00-2 CAS: 13463-67-7 EC: 236-675-5	Titanium dioxide INCI: CI 77891	3	STOT SE 3, H335 Carc. 2, H351 (inhalation) STOT RE 1, H372 Aquatic Chronic 4, H413	2, 3, 4
CAS: 1309-37-1 EC: 215-168-2	Diiron trioxide INCI: CI 77491	3	not classified as dangerous	
CAS: 12240-15-2 EC: 602-780-3	C.I. Pigment Blue 27 INCI: CI 77510	3	not classified as dangerous	

SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended

HELLO
by NAILSMADE

Gel Polish

Creation date 08th November 2023

Revision date Version 1.0

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
CAS: 12001-99-9 EC: 601-657-1	C.I. Pigment Green 18 INCI: CI 77289	3	not classified as dangerous	
CAS: 5281-04-9 EC: 226-109-5	Calcium 3-hydroxy-4-[(4-methyl-2-sulphonatophenyl)azo]-2-naphthoate INCI: CI 15850	3	not classified as dangerous	
CAS: 12227-89-3 EC: 235-442-5	Iron oxide black INCI: CI 77499	3	not classified as dangerous	
CAS: 12225-21-7 EC: 235-428-9	Aluminium, 4,5-dihydro-5-oxo-1-(4-sulphophenyl)-4-[(4-sulphophenyl)azo]-1H-pyrazole-3-carboxylic acid complex INCI: CI 19140	3	not classified as dangerous	
CAS: 81-48-1 EC: 201-353-5	1-hydroxy-4-(p-toluidino)anthraquinone INCI: CI 60725	3	not classified as dangerous	
CAS: 18472-87-2 EC: 242-355-6	3,4,5,6-tetrachloro-2-(1,4,5,8-tetrabromo-6-hydroxy-3-oxoxanthen-9-yl)benzoic acid INCI: ACID RED 92	3	Eye Irrit. 2, H319 Aquatic Chronic 2, H411	
CAS: 633-96-5 EC: 211-199-0	C.I. Acid Orange 7 INCI: CI 15510	3	not classified as dangerous	
CAS: 12001-26-2 EC: 601-648-2	Mica INCI: MICA	3	not classified as dangerous	

Notes

- Note D: Certain substances which are susceptible to spontaneous polymerisation or decomposition are generally placed on the market in a stabilised form. It is in this form that they are listed in Part3 of Annex VI to Regulation (EC) No 1272/2008. However, such substances are sometimes placed on the market in a non-stabilised form. In this case, the supplier who places such a substance on the market must state on the label the name of the substance followed by the words "non- stabilised".
- Note V: If the substance is to be placed on the market as fibres (with diameter < 3 µm, length > 5 µm and aspect ratio ≥ 3:1) or particles of the substance fulfilling the WHO fibre criteria or as particles with modified surface chemistry, their hazardous properties must be evaluated in accordance with Title II of this Regulation, to assess whether a higher category (Carc. 1B or 1A) and/or additional routes of exposure (oral or dermal) should be applied.
- Note W: It has been observed that the carcinogenic hazard of this substance arises when respirable dust is inhaled in quantities leading to significant impairment of particle clearance mechanisms in the lung.
This note aims to describe the particular toxicity of the substance; it does not constitute a criterion for classification according to this Regulation.
- Note 10: The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter ≤ 10 µm.

Full text of all classifications and hazard statements is given in the section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet.

SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended

HELLO
by NAILMADE

Gel Polish

Creation date 08th November 2023

Revision date Version 1.0

If inhaled

Terminate the exposure immediately; move the affected person to fresh air. Protect the person against growing cold. Provide medical treatment if irritation, dyspnoea or other symptoms persist.

If on skin

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible. Soap, soap solution or shampoo should be used if there is no skin injury. Provide medical treatment if skin irritation persists.

If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. Rinsing should continue at least for 10 minutes. Provide medical treatment, specialized if possible.

If swallowed

Rinse out the mouth with water and provide 2-5 dL of water. Provide medical treatment if the person has any health problems.

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

If inhaled

Not expected.

If on skin

May cause an allergic skin reaction.

If in eyes

Causes serious eye irritation.

If swallowed

Irritation, nausea.

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

Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist.

Unsuitable extinguishing media

Water - full jet.

5.2. Special hazards arising from the substance or mixture

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

5.3. Advice for firefighters

Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Use a self-contained breathing apparatus and full-body protective clothing. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8. Prevent contact with skin and eyes.

6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

6.3. Methods and material for containment and cleaning up

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as

SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended

HELLO
by NAILMADE

Gel Polish

Creation date 08th November 2023

Revision date

Version

1.0

per the Section 13. In the event of leakage of the substantial amount of the product, inform fire brigade and other competent bodies. After removal of the product, wash the contaminated site with plenty of water. Do not use solvents.

6.4. Reference to other sections

See the Section 7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Prevent contact with skin and eyes. Contaminated work clothing should not be allowed out of the workplace. Wash hands and exposed parts of the body thoroughly after handling. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection. Avoid release to the environment.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose.

7.3. Specific end use(s)

not available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

The mixture contains no substances for which occupational exposure limits are set.

DNEL

Phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide INCI: BIS-TRIMETHYLBENZOYL PHENYLPHOSPHINE OXIDE					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	7.84 mg/m ³	Chronic effects systemic		ECHA
Workers	Inhalation	7.84 mg/m ³	Acute effects systemic		ECHA
Consumers	Inhalation	1.93 mg/m ³	Chronic effects systemic		ECHA

Phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide INCI: BIS-TRIMETHYLBENZOYL PHENYLPHOSPHINE OXIDE					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Consumers	Inhalation	1.93 mg/m ³	Acute effects systemic		ECHA
Workers	Dermal	3 mg/kg bw/day	Chronic effects systemic		ECHA
Workers	Dermal	3.33 mg/kg bw/day	Acute effects systemic		ECHA
Consumers	Dermal	1.5 mg/kg bw/day	Chronic effects systemic		ECHA
Consumers	Dermal	1.67 mg/kg bw/day	Acute effects systemic		ECHA

SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended

HELLO
by NAILSMADE

Gel Polish

Creation date 08th November 2023

Revision date Version 1.0

Consumers	Oral	1.5 mg/kg bw/day	Chronic effects systemic		ECHA
Consumers	Oral	1.67 mg/kg bw/day	Acute effects systemic		ECHA

PNEC

Phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide INCI: BIS-TRIMETHYLBENZOYL PHENYLPHOSPHINE OXIDE			
Route of exposure	Value	Value determination	Source
Freshwater environment	800-1000 ng/l		ECHA
Water (intermittent release)	800-1000 ng/l		ECHA
Marine water	800-1000 ng/l		ECHA
Microorganisms in sewage treatment	1 mg/l		ECHA
Freshwater sediment	712 µg/kg		ECHA
Sea sediments	712 µg/kg		ECHA

8.2. Exposure controls

Take off contaminated clothing and wash before reuse. Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

Eye/face protection

Protective goggles or face shield (based on the nature of the work performed).

Skin protection

Avoid direct skin contact with product. Identify potential areas for indirect skin contact. Wear gloves (tested to EN374) if hand contact with substance likely. Clean up contamination/spills as soon as they occur. Wash off any skin contamination immediately. Provide basic employee training to prevent / minimise exposures and to report any skin problems that may develop. When choosing appropriate thickness, material and permeability of the gloves, observe recommendations of their particular manufacturer. Observe other recommendations of the manufacturer. Other protection: protective workwear. Contaminated skin should be washed thoroughly.

Respiratory protection

Mask with a filter in a poorly ventilated environment.

Thermal hazard

Not available.

Environmental exposure controls

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	multicolor
Odour	light
Melting point/freezing point	data not available
Boiling point or initial boiling point and boiling range	93 °C
Flammability	data not available

SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended

HELLO
by NAILSMADE

Gel Polish

Creation date 08th November 2023

Revision date Version 1.0

Lower and upper explosion limit	data not available
Flash point	data not available
Auto-ignition temperature	data not available
Decomposition temperature	data not available
pH	data not available
Kinematic viscosity	data not available
Solubility in water	slight
Partition coefficient n-octanol/water (log value)	data not available
Vapour pressure	data not available
Density and/or relative density	data not available
Relative vapour density	data not available
Particle characteristics	not applicable
Form	gel

9.2. Other information

none

SECTION 10: Stability and reactivity

10.1. Reactivity

When used in the standard way, there is not any dangerous reaction with other substances.

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

Unknown.

10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

SECTION 11: Toxicological information

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

No toxicological data is available for the mixture.

Acute toxicity

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

2-hydroxyethyl methacrylate INCI: HEMA							
Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Source
Eye	LD50	OECD 405	>5000 mg/kg bw				

3,4,5,6-tetrachloro-2-(1,4,5,8-tetrabromo-6-hydroxy-3-oxoxanthene-9-yl)benzoic acid INCI: ACID RED 92

SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended

HELLO
by NAILSMAN

Gel Polish

Creation date 08th November 2023

Revision date Version 1.0

Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Source
Oral	LD50		8400 mg/kg		Rat		

Aluminium, 4,5-dihydro-5-oxo-1-(4-sulfophenyl)-4-[(4-sulfophenyl)azo]-1H-pyrazole-3-carboxylic acid complex INCI: CI 19140

Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Source
Oral	LD50	OECD 423	>2000 mg/kg bw		Rat		ECHA
Dermal	LD50	OECD 402	2000 mg/kg bw		Rat		ECHA

C.I. Acid Orange 7 INCI: CI 15510

Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Source
Skin	LD50	OECD 402	>2500 mg/kg bw		Rat		ECHA

C.I. Acid Orange 7 INCI: CI 15510

Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Source
Oral	LD50	OECD 401	3830 mg/kg bw		Rat		ECHA

C.I. Pigment Green 18 INCI: CI 77289

Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Source
Oral	LD50		>5000 mg/kg				
Inhalation	LD50		>5.41 mg/kg				

Diiron trioxide INCI: CI 77491

Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Source
Oral	LD50		>5000 mg/kg		Rat		

Iron oxide black INCI: CI 77499

Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Source
Oral	LD50		>10 g/kg		Rat		

Methacrylic acid, monoester with propane-1,2-diol INCI: HYDROXYPROPYL METHACRYLATE

Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Source
Oral	LD50		7964 mg/kg		Mouse		

Phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide INCI: BIS-TRIMETHYLBENZOYL PHENYLPHOSPHINE OXIDE

Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Source
Oral	LD50	OECD 401	>2000 mg/kg bw		Rat		ECHA

SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended

HELLO
by NAILSMADE

Gel Polish

Creation date 08th November 2023

Revision date Version 1.0

Skin	LD50	OECD 402	>2000 mg/kg bw		Rat		ECHA
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Titanium dioxide INCI: CI 77891

Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Source
Oral	LD50		>10000 mg/kg		Rat		
Skin	LD50		>10000 mg/kg		Rabbit		

Skin corrosion/irritation

Causes skin irritation. Data for the components of the mixture are not available.

Serious eye damage/irritation

Causes serious eye irritation. Data for the components of the mixture are not available.

Respiratory or skin sensitisation

May cause an allergic skin reaction. Data for the components of the mixture are not available.

Germ cell mutagenicity

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

Carcinogenicity

Suspected of causing cancer if inhaled. Data for the components of the mixture are not available.

Reproductive toxicity

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

Toxicity for specific target organ - single exposure

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

Toxicity for specific target organ - repeated exposure

May cause damage to organs through prolonged or repeated exposure. Data for the components of the mixture are not available.

Aspiration hazard

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

11.2. Information on other hazards

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.

SECTION 12: Ecological information

12.1. Toxicity

Harmful to aquatic life with long lasting effects.

Acute toxicity

SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended

HELLO
by NAILSMADE

Gel Polish

Creation date 08th November 2023

Revision date Version 1.0

2-hydroxyethyl methacrylate INCI: HEMA

Parameter	Method	Value	Exposure time	Species	Environment	Source
LD50	ISO 7346-2	>100 mg/l		Fish		
EC0		100 mg/l		Bacteria		

3,4,5,6-tetrachloro-2-(1,4,5,8-tetrabromo-6-hydroxy-3-oxoxanthene-9-yl)benzoic acid INCI: ACID RED 92

Parameter	Method	Value	Exposure time	Species	Environment	Source
EC50		14.5 mg/l	48 hours	Daphnia		
EC50		7.5 mg/l	72 hours	Algae		
LC50		97.7 mg/l	96 hours	Fish		

Aluminium, 4,5-dihydro-5-oxo-1-(4-sulfophenyl)-4-[(4-sulfophenyl)azo]-1H-pyrazole-3-carboxylic acid complex INCI: CI 19140

Parameter	Method	Value	Exposure time	Species	Environment	Source
LC50	OECD 203	>100 mg/l	96 hours	Fish (Danio rerio)		ECHA
EC50	OECD 202	360.4 mg/l	48 hours	Invertebrates (Daphnia magna)		ECHA
EC50	OECD 201	>200 mg/l	72 hours	Algae (Chlorella vulgaris)		ECHA

C.I. Acid Orange 7 INCI: CI 15510

Parameter	Method	Value	Exposure time	Species	Environment	Source
LC50		56 mg/l		Fish		ECHA
EC50		57.26 mg/l	48 hours	Fish		ECHA

Iron oxide black INCI: CI 77499

Parameter	Method	Value	Exposure time	Species	Environment	Source
LC50		>10000 mg/kg		Fish		

Phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide INCI: BIS-TRIMETHYLBENZOYL PHENYLPHOSPHINE OXIDE

Parameter	Method	Value	Exposure time	Species	Environment	Source
LC50		>90 µg/l		Fish (Danio rerio)		ECHA
EC50		>1175 µg/l		Invertebrates (Daphnia magna)		ECHA

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.

SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended

HELLO
by NAILSMADE

Gel Polish

Creation date 08th November 2023

Revision date Version 1.0

12.5. Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

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

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

Waste management legislation

- Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives.
- Commission Decision of 3 May 2000 replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on waste and Council Decision 94/904/EC establishing a list of hazardous waste pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste.

SECTION 14: Transport information

14.1. UN number or ID number

not subject to transport regulations

14.2. UN proper shipping name

not relevant

14.3. Transport hazard class(es)

not relevant

14.4. Packing group

not relevant

14.5. Environmental hazards

not relevant

14.6. Special precautions for user

Reference in the Sections 4 to 8.

14.7. Maritime transport in bulk according to IMO instruments

not relevant

SECTION 15: Regulatory information

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

- 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

SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended

HELLO
by NAILMADE

Gel Polish

Creation date 08th November 2023

Revision date Version 1.0

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.

- 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.

- Commission Regulation (EU) 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).

- The European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR).

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out (mixture).

SECTION 16: Other information

A list of standard risk phrases used in the safety data sheet

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H351	Suspected of causing cancer if inhaled.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.

Guidelines for safe handling used in the safety data sheet

P102	Keep out of reach of children.
P260	Do not breathe vapours.
P264	Wash hands and exposed parts of the body thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear protective gloves.
P362+P364	Take off contaminated clothing and wash it before reuse.
P405	Store locked up.
P501	Dispose of contents/container to in accordance with local/regional/national/international regulations.

A list of additional standard phrases used in the safety data sheet

EUH211	Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
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Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

Key to abbreviations and acronyms used in the safety data sheet

ADR	European agreement concerning the international carriage of dangerous goods by road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
EC	Identification code for each substance listed in EINECS

SAFETY DATA SHEET

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EC0	Concentration of a substance when it is affected 0% of the population
EC50	Concentration of a substance when it is affected 50% of the population
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency plan
EU	European Union
EuPCS	European Product Categorisation System
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LC50	Lethal concentration of a substance in which it can be expected death of 50% of the population
LD50	Lethal dose of a substance in which it can be expected death of 50% of the population
log Kow	Octanol-water partition coefficient
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative
Aquatic Chronic	Hazardous to the aquatic environment (chronic)
Carc.	Carcinogenicity
Eye Irrit.	Eye irritation
Skin Irrit.	Skin irritation
Skin Sens.	Skin sensitization
STOT RE	Specific target organ toxicity - repeated exposure
STOT SE	Specific target organ toxicity - single exposure

Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

not available

Information about data sources used to compile the Safety Data Sheet

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. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers. eChemPortal

SAFETY DATA SHEET

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-the Global Portal to Information on Chemical Substances.

More information

Classification procedure - calculation method.

Statement

The data contained in this Safety Data Sheet must be available to anyone whose work is related to the product. The data corresponds to the current state of knowledge, national and EU legislation. The information provided indicates the safety requirements for the use of this product, but does not disclose other specific product features. The information is correct to the best of our knowledge at the date of preparation of the product Safety Data Sheet. This is not a specification sheet and any data provided should not be considered a specification. The information in this product Safety Data Sheet has been obtained from sources we believe to be reliable. Certain information and conclusions in this document are derived from sources other than direct data from tests or research on the product itself. The recipient of the product is responsible for compliance with applicable laws regarding handling, storage, use and disposal. If the product is used as a component in another product, the information in this product's Safety Data Sheet may not be valid.