Printing date 01/09/2023

Reviewed on 01/04/2023

1 Identification

- · Product identifier
- · Trade name: OPI Nature Strong Generic
- · Application of the substance / the mixture Nail Polish
- Details of the supplier of the safety data sheet
 Manufacturer/Supplier:
 Wella International Operations Switzerland Sàrl, Chemin Louis-Hubert 1-3, 1213 Petit-Lancy, Switzerland
- Information department: Wella SDS Info Team • Emergency telephone number: CHEMTREC Emergency number: +1-704-741-5970 CHEMTREC: +1 703-741-5970

2 Hazard(s) identification

· Classification of the substance or mixture

GHS02 Flame

Flammable Liquids 2

GHS07

Eye Irritation 2A Sensitization - Skin 1 H319 Causes serious eye irritation.

H225 Highly flammable liquid and vapor.

H317 May cause an allergic skin reaction.

Specific Target Organ Toxicity - Single Exposure 3 H336 May cause drowsiness or dizziness.

· Label elements

• *GHS label elements* The product is classified and labeled according to the Globally Harmonized System (GHS). • *Hazard pictograms*



· Signal word Danger

Hazard-determining components of labeling: Butyl acetate Adipic Acid/Neopentyl Glycol/Trimellitic Anhydride Copolymer ethyl acetate
Hazard statements Highly flammable liquid and vapor. Causes serious eye irritation. May cause an allergic skin reaction. May cause drowsiness or dizziness.
Precautionary statements Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

Avoid breathing dust/fume/gas/mist/vapors/spray

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	(Contd. of page 1)
Wash thoroughly after handling.	
Use only outdoors or in a well-ventilated area.	
Contaminated work clothing must not be allowed out of the workplace.	
Wear protective gloves/protective clothing/eye protection/face protection.	
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.	
IF INHALED: Remove person to fresh air and keep comfortable for breathing.	
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present	and easy to do.
Continue rinsing.	·····
Call a poison center/doctor if you feel unwell.	
Specific treatment (see on this label).	
If skin irritation or rash occurs: Get medical advice/attention.	
If eye irritation persists: Get medical advice/attention.	
Wash contaminated clothing before reuse.	
In case of fire: Use CO2, powder or water spray to extinguish.	
Store in a well-ventilated place. Keep container tightly closed.	
Store in a well-ventilated place. Keep cool.	
Store locked up.	
Dispose of contents/container in accordance with local/regional/national/international regulations	5.
· Other hazards	
· Results of PBT and vPvB assessment	
· PBT: Not applicable.	

· **vPvB:** Not applicable.

3 Composition/information on ingredients

· Chemical characterization: Mixtures

• Description: Mixture of the substances listed below with nonhazardous additions.

· Dangerous components:		
	Butyl acetate	>25-≤50%
	ethyl acetate	≥20-≤25%
9004-70-0	Nitrocellulose	>10-≤25%
28407-73-0	Adipic Acid/Neopentyl Glycol/Trimellitic Anhydride Copolymer	>2.5-≤10%
64-17-5	ethyl alcohol	>2.5-≤10%
13463-67-7	titanium dioxide	≥0.1-≤2.5%

4 First-aid measures

· Description of first aid measures

· General information: Immediately remove any clothing soiled by the product.

• After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

· After skin contact: Immediately wash with water and soap and rinse thoroughly.

· After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

• After swallowing: If symptoms persist consult doctor.

• Information for doctor:

• Most important symptoms and effects, both acute and delayed No further relevant information available.

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• *Indication of any immediate medical attention and special treatment needed No further relevant information available.*

5 Fire-fighting measures

- · Extinguishing media
- · Suitable extinguishing agents:
- CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- \cdot For safety reasons unsuitable extinguishing agents: Water with full jet
- Special hazards arising from the substance or mixture No further relevant information available.
- Advice for firefighters
- · Protective equipment: No special measures required.

6 Accidental release measures

- *Personal precautions, protective equipment and emergency procedures Wear protective equipment. Keep unprotected persons away.*
- · Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- \cdot Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.

- **Reference to other sections** See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment.
- See Section 13 for disposal information.
- Protective Action Criteria for Chemicals

123-86-4 Butyl acetate	5 ppm
141-78-6 ethyl acetate	1,200 ppn
64-17-5 ethyl alcohol	1,800 ppr
13463-67-7 titanium dioxide	30 mg/m ³
67-63-0 isopropyl alcohol	400 ppm
123-42-2 4-hydroxy-4-methylpentan-2-one	150 ppm
66-25-1 hexanal	6 ppm
7664-38-2 Phosphoric Acid	3 mg/m ³
71-36-3 n-Butyl alcohol	60 ppm
7631-86-9 Silica	18 mg/m ³
1309-37-1 Iron Oxides (CI 77491)	15 mg/m ³
PAC-2:	
123-86-4 Butyl acetate	200 ppm
141-78-6 ethyl acetate	1,700 ppm
64-17-5 ethyl alcohol	3300* ppr
13463-67-7 titanium dioxide	330 mg/m
67-63-0 isopropyl alcohol	2000* ppr
123-42-2 4-hydroxy-4-methylpentan-2-one	350 ppm
66-25-1 hexanal	66 ppm

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7664-38-2 Phosphoric Acid	(Contd. of page 30 mg/m ³
-	
71-36-3 n-Butyl alcohol	800 ppm
7631-86-9 Silica	740 mg/m ²
1309-37-1 Iron Oxides (CI 77491)	360 mg/m ²
· PAC-3:	
123-86-4 Butyl acetate	3000* ppm
141-78-6 ethyl acetate	10000** ppn
64-17-5 ethyl alcohol	15000* ppm
13463-67-7 titanium dioxide	2,000 mg/m ³
67-63-0 isopropyl alcohol	12000** ppn
123-42-2 4-hydroxy-4-methylpentan-2-one	2100* ppm
66-25-1 hexanal	86 ppm
7664-38-2 Phosphoric Acid	150 mg/m ³
71-36-3 n-Butyl alcohol	8000** ppm
7631-86-9 Silica	4,500 mg/m ³
1309-37-1 Iron Oxides (CI 77491)	2,200 mg/m ³

7 Handling and storage

· Handling:

- **Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.
- Information about protection against explosions and fires: Keep ignition sources away - Do not smoke. Protect against electrostatic charges.
- · Conditions for safe storage, including any incompatibilities
- · Storage:
- Requirements to be met by storerooms and receptacles: Store in a cool location.
- Information about storage in one common storage facility: Not required.
 Further information about storage conditions: Keep receptacle tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

• Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

· Additional information about design of technical systems: No further data; see item 7.

- · Control parameters
- Components with limit values that require monitoring at the workplace: The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.

At this time, the other constituents have no known exposure limits.

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[•] Storage class: 3

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	86-4 Butyl acetate
PEL	Long-term value: 710 mg/m ³ , 150 ppm
REL	Short-term value: 950 mg/m³, 200 ppm Long-term value: 710 mg/m³, 150 ppm
	Long-term value: 710 mg/m ³ , 150 ppm

TLV Short-term value: 150 ppm Long-term value: 50 ppm

141-78-6 ethyl acetate

PEL Long-term value: 1400 mg/m³, 400 ppm

REL Long-term value: 1400 mg/m³, 400 ppm

TLV Long-term value: 400 ppm

64-17-5 ethyl alcohol

PEL Long-term value: 1900 mg/m³, 1000 ppm

REL Long-term value: 1900 mg/m³, 1000 ppm

TLV Short-term value: 1000 ppm

A3

· Additional information: The lists that were valid during the creation were used as basis.

· Exposure controls

- · Personal protective equipment:
- General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes.

Avoid contact with the eyes and skin.

· Breathing equipment:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

· Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the

chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation · Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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• Eye protection:



Tightly sealed goggles

9 Physical and chemical properties

General Information Appearance:	
Form:	Fluid
Color:	According to product specification
Odor:	Characteristic
Odor threshold:	Not determined.
pH-value:	Not determined.
Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	77-78 °C (170.6-172.4 °F)
Flash point:	-1 °C (30.2 °F)
Flammability (solid, gaseous):	Highly flammable.
Ignition temperature:	425 °C (797 °F)
Decomposition temperature:	Not determined.
Auto igniting:	Product is not selfigniting.
Danger of explosion:	Product is not explosive. However, formation of explosive air/vapo mixtures are possible.
Englasian limitar	
Explosion limits: Lower:	1.2 Vol %
Lower. Upper:	11.5 Vol %
Vapor pressure at 20 °C (68 °F):	97 hPa (72.8 mm Hg)
Density:	Not determined.
Relative density	Not determined.
Vapor density	Not determined.
Evaporation rate	Not determined.
Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix.
Partition coefficient (n-octanol/wate	r): Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
Solvent content:	
Organic solvents:	70.8 %
VOC content:	70.76 %
	707.6 g/l / 5.90 lb/gal

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Solids content:

13.5 %

· Other information

No further relevant information available.

10 Stability and reactivity

· Reactivity No further relevant information available.

· Chemical stability

• Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

· Possibility of hazardous reactions No dangerous reactions known.

· Conditions to avoid No further relevant information available.

• *Incompatible materials:* No further relevant information available.

· Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information

· Information on toxicological effects

• Acute toxicity:

· LD/LC50 values that are relevant for classification:

123-86-4 Butyl acetate

 Oral
 LD50
 13,100 mg/kg (rat)

 Dermal
 LD50
 >5,000 mg/kg (rabbit)

Inhalative LC50/4 h >21 mg/l (rat)

141-78-6 ethyl acetate

 Oral
 LD50
 5,620 mg/kg (rabbit)

 Inhalative
 LC50/4 h
 1,600 mg/l (rat)

64-17-5 ethyl alcohol

 Oral
 LD50
 10,470 mg/kg (rat) (bw (OECD 401))

 Inhalative
 LC50/4 h
 116.9 mg/l (rat) (air (//OECD 403))

13463-67-7 titanium dioxide

	LD50	>5,000 mg/kg (rat) (bw (OECD 425))
Dermal	LD50	>10,000 mg/kg (rabbit)
Inhalative	LC50/4 h	>3.43 mg/l (rat) (air (OECD 403))

· Primary irritant effect:

• on the skin: No irritant effect.

• on the eye: Irritating effect.

• Sensitization: Sensitization possible through skin contact.

· Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations: Irritant

· Carcinogenic categories

· IARC (International Agency for Research on Cancer)		
64-17-5	ethyl alcohol	1
13463-67-7	titanium dioxide	2B
67-63-0	isopropyl alcohol	3
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61790-53-2	Diatomaceous earth (Silica-Amorphous)	3
7631-86-9	Silica	3
1309-37-1	Iron Oxides (CI 77491)	3
· NTP (Nation	nal Toxicology Program)	
None of the	ingredients is listed.	
· OSHA-Ca (Occupational Safety & Health Administration)	
None of the	ingredients is listed.	
L		

12 Ecological information

· Toxicity

- · Aquatic toxicity: No further relevant information available.
- · Persistence and degradability No further relevant information available.
- · Behavior in environmental systems:
- · Bioaccumulative potential No further relevant information available.
- · Mobility in soil No further relevant information available.
- · Additional ecological information:

· General notes:

Water hazard class 2 (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

- · Results of PBT and vPvB assessment
- · **PBT:** Not applicable.
- · vPvB: Not applicable.
- Other adverse effects No further relevant information available.

13 Disposal considerations

· Waste treatment methods

· Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- · Uncleaned packagings:
- Recommendation: Disposal must be made according to official regulations.

· UN-Number		
· DOT, IMDG, IATA	UN1263	
· UN proper shipping name		
$\cdot DOT$	Paint	
· IMDG, IATA	PAINT	

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	(Contd. of page
Transport hazard class(es)	
DOT	
PLAMMAR F LOOD	
3	
· Class	3 Flammable liquids
· Label	3
· IMDG, IATA	
3	
· Class	2 Flammahla liquida
· Label	3 Flammable liquids 3
· Packing group · DOT, IMDG, IATA	II
· Environmental hazards:	Not applicable.
· Special precautions for user	Warning: Flammable liquids
• Hazard identification number (Kemler code).	
· EMS Number:	<i>F-E,<u>S-E</u></i>
· Stowage Category	В
• Transport in bulk according to Annex II of	
MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	
·DOT	
· Quantity limitations	On passenger aircraft/rail: 5 L
	On cargo aircraft only: 60 L
·IMDG	
\cdot Limited quantities (LQ)	5L
\cdot Excepted quantities (EQ)	Code: E2
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 500 ml
· UN ''Model Regulation'':	UN 1263 PAINT, 3, II

15 Regulatory information

• Safety, health and environmental regulations/legislation specific for the substance or mixture No further relevant information available.

· Sara

· Section 355 (extremely hazardous substances):

None of the ingredients is listed.

· Section 313 (Specific toxic chemical listings):

67-63-0 isopropyl alcohol

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	(Contd. of page
7664-38-2 Phosphoric Acid	
71-36-3 n-Butyl alcohol	
7446-19-7 zinc sulphate (hydrous) (mono-, hexa-and hepta hydrate)	
· TSCA (Toxic Substances Control Act):	
123-86-4 Butyl acetate	ACTIVI
141-78-6 ethyl acetate	ACTIVI
9004-70-0 Nitrocellulose	ACTIVI
28407-73-0 Adipic Acid/Neopentyl Glycol/Trimellitic Anhydride Copolymer	ACTIVI
77-90-7 Tributyl acetylcitrate	ACTIVI
64-17-5 ethyl alcohol	ACTIVI
13463-67-7 titanium dioxide	ACTIVI
67-63-0 isopropyl alcohol	ACTIVI
1934-21-0 CI 19140	ACTIVI
123-42-2 4-hydroxy-4-methylpentan-2-one	ACTIVI
110-44-1 hexa-2,4-dienoic acid	ACTIVI
66-25-1 hexanal	ACTIVI
7664-38-2 Phosphoric Acid	ACTIVI
69-65-8 D-mannitol	ACTIV
61790-53-2 Diatomaceous earth (Silica-Amorphous)	ACTIV
71-36-3 n-Butyl alcohol	ACTIVI
7631-86-9 Silica	ACTIVI
1309-37-1 Iron Oxides (CI 77491)	ACTIVI
· Hazardous Air Pollutants	
None of the ingredients is listed.	
· Proposition 65	
· Chemicals known to cause cancer:	
13463-67-7 titanium dioxide	
· Chemicals known to cause reproductive toxicity for females:	
None of the ingredients is listed.	
· Chemicals known to cause reproductive toxicity for males:	
None of the ingredients is listed.	
· Chemicals known to cause developmental toxicity:	
64-17-5 ethyl alcohol	
· Carcinogenic categories	
· EPA (Environmental Protection Agency)	
71-36-3 n-Butyl alcohol	D
7446-19-7 zinc sulphate (hydrous) (mono-, hexa-and hepta hydrate)	D, I, I
• TLV (Threshold Limit Value)	· ·
64-17-5 ethyl alcohol	Α.
13463-67-7 titanium dioxide	A
67-63-0 isopropyl alcohol	A
1309-37-1 Iron Oxides (CI 77491)	A
	(Contd. on page

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NIOSH-Ca (National Institute for Occupational Safety and Health)	(Contd. of page 10
13463-67-7 titanium dioxide	
GHS label elements The product is classified and labeled according to the Globally I	Harmonized System (GHS).
Hazard pictograms	
$\wedge \wedge$	
GHS02 GHS07	
011502 011507	
Signal word Danger	
Hazard-determining components of labeling:	
Butyl acetate	
Adipic Acid/Neopentyl Glycol/Trimellitic Anhydride Copolymer	
ethyl acetate	
Hazard statements	
Highly flammable liquid and vapor.	
Causes serious eye irritation.	
May cause an allergic skin reaction.	
May cause drowsiness or dizziness.	
Precautionary statements	
Keep away from heat/sparks/open flames/hot surfaces No smoking.	
Ground/bond container and receiving equipment.	
Use explosion-proof electrical/ventilating/lighting/equipment.	
Use only non-sparking tools.	
Take precautionary measures against static discharge.	
Avoid breathing dust/fume/gas/mist/vapors/spray	
Wash thoroughly after handling.	
Use only outdoors or in a well-ventilated area.	
Contaminated work clothing must not be allowed out of the workplace.	
Wear protective gloves/protective clothing/eye protection/face protection.	
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with w	vater/shower.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.	
If in eyes: Rinse cautiously with water for several minutes. Remove contact lense	s if present and easy to do
Continue rinsing.	s, y present and easy to de
Call a poison center/doctor if you feel unwell.	
Specific treatment (see on this label).	
If skin irritation or rash occurs: Get medical advice/attention.	
If eye irritation persists: Get medical advice/attention.	
Wash contaminated clothing before reuse.	
In case of fire: Use CO2, powder or water spray to extinguish.	
Store in a well-ventilated place. Keep container tightly closed.	
Store in a well-ventilated place. Keep cool.	
Store locked up.	
Dispose of contents/container in accordance with local/regional/national/internation	al regulations
Chemical safety assessment: A Chemical Safety Assessment has not been carried out	

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Department issuing SDS: Abteilung Umweltschutz

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	(Contd. of page 11
Contact: Hr. Dr. Speckbacher	
Date of preparation / last revision 01/09/2023	
Abbreviations and acronyms:	
IMDG: International Maritime Code for Dangerous Goods	
DOT: US Department of Transportation	
IATA: International Air Transport Association	
EINECS: European Inventory of Existing Commercial Chemical Substances	
ELINCS: European List of Notified Chemical Substances	
CAS: Chemical Abstracts Service (division of the American Chemical Society)	
VOC: Volatile Organic Compounds (USA, EU)	
LC50: Lethal concentration, 50 percent	
LD50: Lethal dose, 50 percent	
PBT: Persistent, Bioaccumulative and Toxic	
vPvB: very Persistent and very Bioaccumulative	
NIOSH: National Institute for Occupational Safety	
OSHA: Occupational Safety & Health	
TLV: Threshold Limit Value	
PEL: Permissible Exposure Limit	
REL: Recommended Exposure Limit	
Flammable Liquids 2: Flammable liquids – Category 2	
Eye Irritation 2A: Serious eye damage/eye irritation – Category 2A	
Sensitization - Skin 1: Skin sensitisation – Category 1	
Specific Target Organ Toxicity - Single Exposure 3: Specific target organ toxicity (single exposure) – Category 3	