

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : Naturalista
Product code : LXETLNA

1.2. Recommended use and restrictions on use

No additional information available

1.3. Supplier

Ink Projects LLC
460 Greenway Industrial Drive, Suite A
Fort Mill, SC, 29708

1.4. Emergency telephone number

Emergency number : +1-813-248-0585. In case of emergency search for territorial toxicological emergency number or call 112

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Not classified

2.2. GHS Label elements, including precautionary statements

GHS US labeling

No labeling applicable

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

No additional information available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
White 6 (CI:77891)	CAS-No.: 13463-67-7	25 – 50	Not classified
Red 101 (CI:77491)	CAS-No.: 1309-37-1	15 – 25	Not classified
Triethanolamine	CAS-No.: 102-71-6	1 – 5	Not classified

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Name	Product identifier	%	GHS US classification
Glycerin	CAS-No.: 56-81-5	1 – 5	Not classified

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
First-aid measures after skin contact	: Get medical advice and attention if you feel unwell. Wash skin with plenty of water.
First-aid measures after eye contact	: Get medical advice/attention if you feel unwell. Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Call a poison center/doctor/physician if you feel unwell.

4.2. Most important symptoms and effects (acute and delayed)

No additional information available

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.
Other information : Dispose of materials or solid residues at an authorized site.

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6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store locked up. Store in a well-ventilated place. Recommended storage temperature Maximum 32°C. Keep cool.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Naturalista	
No additional information available	
White 6 (CI:77891) (13463-67-7)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Titanium dioxide
ACGIH OEL TWA	10 mg/m ³
Remark (ACGIH)	TLV® Basis: LRT irr. Notations: A4 (Not classifiable as a Human Carcinogen)
Regulatory reference	ACGIH 2021
USA - OSHA - Occupational Exposure Limits	
Local name	Titanium dioxide (Total dust)
OSHA PEL TWA [1]	15 mg/m ³
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
Triethanolamine (102-71-6)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Triethanolamine
ACGIH OEL TWA	5 mg/m ³
Remark (ACGIH)	TLV® Basis: Eye & skin irr
Regulatory reference	ACGIH 2023
Glycerin (56-81-5)	
USA - OSHA - Occupational Exposure Limits	
Local name	Glycerin (mist)
OSHA PEL TWA [1]	15 mg/m ³ (Total dust) 5 mg/m ³ (Respirable fraction)
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

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Red 101 (CI:77491) (1309-37-1)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Iron oxide (Fe ₂ O ₃)
ACGIH OEL TWA	5 mg/m ³ (Respirable fraction)
Remark (ACGIH)	TLV® Basis: Pneumoconiosis. Notations: A4 (Not classifiable as a Human Carcinogen)
Regulatory reference	ACGIH 2021
USA - OSHA - Occupational Exposure Limits	
Local name	Iron oxide fume
OSHA PEL TWA [1]	10 mg/m ³
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:
Protective gloves
Eye protection:
Safety glasses
Skin and body protection:
Wear suitable protective clothing
Respiratory protection:
In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Appearance : Liquid.
Color : Mixture contains one or more component(s) which have the following colour(s):
Pure substance: white Unpurified: coloured Colourless Dark grey to black Colourless to white
Colourless to light yellow On exposure to air: brown Yellow Red-brown to black
Odor : Characteristic odour
Odor threshold : No data available
pH : 7,5 – 8,5
Melting point : No data available
Freezing point : No data available
Boiling point : > 100 °C

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Flash point	: > 93 °C
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Not applicable.
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Particle size	: < 1 µm
Relative density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

White 6 (CI:77891) (13463-67-7)

Boiling point	3000 °C (1013 hPa)
Flash point	Not applicable
Auto-ignition temperature	Not applicable
Vapor pressure	Not applicable (solid)
Particle size	94 – 99 µm (D10, DIN EN 481)

Triethanolamine (102-71-6)

Boiling point	336 °C (1013 hPa)
Flash point	179 °C (Closed cup, 1013 hPa)
Auto-ignition temperature	324 °C (1013 hPa, T2)
Vapor pressure	0,019 hPa (20 °C)
Particle size	Not applicable (liquid)

Glycerin (56-81-5)

Boiling point	290 °C (1013 hPa)
Flash point	199 °C (Closed cup, 1013 hPa, ISO 2719: Flash point (Pensky-Martens))
Auto-ignition temperature	370 °C (T2)
Vapor pressure	< 0,01 hPa (20 °C)
Particle size	Not applicable (liquid)

Red 101 (CI:77491) (1309-37-1)

Flash point	Not applicable
Auto-ignition temperature	Not applicable
Vapor pressure	Not applicable
Particle size	0,8 µm (Median particle size)

9.2. Other information

No additional information available

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SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Triethanolamine	
ATE US (oral)	6400 mg/kg body weight
Glycerin	
LD50 dermal	56750 mg/kg (4 day(s), Experimental value, Dermal, 14 day(s))
ATE US (oral)	27200 mg/kg body weight
ATE US (dermal)	56750 mg/kg body weight
Red 101 (CI:77491)	
LD50 oral	> 5000 mg/kg body weight Animal: , Guideline: EU Method B.1 (Acute Toxicity (Oral))
ATE US (dust, mist)	5,05 mg/l/4h
Skin corrosion/irritation	: Not classified. pH: 7,5 – 8,5
Serious eye damage/irritation	: Not classified pH: 7,5 – 8,5
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
White 6 (CI:77891) (13463-67-7)	
IARC group	2B - Possibly carcinogenic to humans

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Triethanolamine (102-71-6)	
IARC group	3 - Not classifiable
Red 101 (CI:77491) (1309-37-1)	
IARC group	3 - Not classifiable
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Viscosity, kinematic	: No data available
White 6 (CI:77891) (13463-67-7)	
Viscosity, kinematic	Not applicable (solid)
Triethanolamine (102-71-6)	
Viscosity, kinematic	830,2 mm ² /s (20 °C, Equivalent or similar to OECD 114)
Glycerin (56-81-5)	
Viscosity, kinematic	No data available in the literature
Red 101 (CI:77491) (1309-37-1)	
Viscosity, kinematic	Not applicable (solid)

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

12.2. Persistence and degradability

White 6 (CI:77891) (13463-67-7)	
Not rapidly degradable	
Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable (inorganic)
ThOD	Not applicable (inorganic)
Triethanolamine (102-71-6)	
Not rapidly degradable	
Persistence and degradability	Biodegradable in the soil. No inhibition of nitrification. Readily biodegradable in water.
Biochemical oxygen demand (BOD)	0,02 g O ₂ /g substance
Chemical oxygen demand (COD)	1,5 g O ₂ /g substance
ThOD	2,04 g O ₂ /g substance
Glycerin (56-81-5)	
Not rapidly degradable	
Persistence and degradability	Readily biodegradable in water.
Biochemical oxygen demand (BOD)	0,87 g O ₂ /g substance

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Glycerin (56-81-5)	
Chemical oxygen demand (COD)	1,16 g O ₂ /g substance
ThOD	1,217 g O ₂ /g substance

Red 101 (CI:77491) (1309-37-1)	
Not rapidly degradable	
Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

12.3. Bioaccumulative potential

White 6 (CI:77891) (13463-67-7)	
Bioaccumulative potential	Not bioaccumulative.

Triethanolamine (102-71-6)	
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

Glycerin (56-81-5)	
Bioaccumulative potential	Not bioaccumulative.

Red 101 (CI:77491) (1309-37-1)	
Bioaccumulative potential	No bioaccumulation data available.

12.4. Mobility in soil

White 6 (CI:77891) (13463-67-7)	
Surface tension	No data available in the literature
Ecology - soil	Low potential for mobility in soil.

Triethanolamine (102-71-6)	
Organic Carbon Normalized Adsorption Coefficient (Log K _{oc})	1,06 – 1,27 (log K _{oc} , SRC PCKOCWIN v1.66, Calculated value)
Ecology - soil	Highly mobile in soil.

Glycerin (56-81-5)	
Surface tension	63,4 mN/m (20 °C, 1000 g/l)
Organic Carbon Normalized Adsorption Coefficient (Log K _{oc})	0 (log K _{oc} , SRC PCKOCWIN v2.0, Calculated value)
Ecology - soil	Highly mobile in soil.

Red 101 (CI:77491) (1309-37-1)	
Surface tension	Not applicable (solid)
Ecology - soil	Adsorbs into the soil.

12.5. Other adverse effects

No additional information available

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SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

DOT	TDG	IMDG	IATA
14.1. UN number			
Not regulated for transport			
14.2. Proper Shipping Name			
Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)			
Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group			
Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards			
Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available			

14.6. Special precautions for user

DOT

Not regulated

TDG

Not regulated

IMDG

Not regulated

IATA

Not regulated

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory, except for:

Triethanolamine	CAS-No. 102-71-6	1 – 5%
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15.2. International regulations

CANADA

White 6 (CI:77891) (13463-67-7)

Listed on the Canadian DSL (Domestic Substances List)

Glycerin (56-81-5)

Listed on the Canadian DSL (Domestic Substances List)

Red 101 (CI:77491) (1309-37-1)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

White 6 (CI:77891) (13463-67-7)

Listed on IARC (International Agency for Research on Cancer)
Listed on INSQ (Mexican National Inventory of Chemical Substances)

Glycerin (56-81-5)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Red 101 (CI:77491) (1309-37-1)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

15.3. US State regulations



WARNING:

This product can expose you to Carbon black (airborne, unbound particles of respirable size), which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

SECTION 16: Other information

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Revision date : 13.12.2023

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.