



Safety Data Sheet

LAC410 UNICOLOR Concentrato Bianco al solvente - White concentrated solvent based

Safety Data Sheet dated 4/8/2019, version 1

1. IDENTIFICATION

Product identifier

Mixture identification:

Trade name:

UNICOLOR Concentrato Bianco al solvente - White concentrated solvent based

Other means of identification:

Trade code:

LAC410

Recommended use of the chemical and restrictions on use

Recommended use:

Industrial and professional uses (SU3 - SU22)

Coloring paste

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

Company:

NUOVA S.I.V.A.M. SpA - Via Monviso, 10 - 20010 BAREGGIO (MI) - Tel. +39 02 90304.1

Importer:

Quincaillerie Richelieu Ltée/Richelieu Hardware Ltd.

7900 Henri-Bourassa Blvd. W.

Montreal, Quebec, Canada, H4S 1V4

Tel: +1-860-529-7704

Distributor:

Quincaillerie Richelieu Ltée/Richelieu Hardware Ltd.

7900 Henri-Bourassa Blvd. W.

Montreal, Quebec, Canada, H4S 1V4

Tel: +1-860-529-7704

Competent person responsible for the safety data sheet:

msds@sivam.it






Emergency phone number

NUOVA S.I.V.A.M. SpA - Tel. +39 02 90304.1 (Monday - Friday 8.00 - 15.00)

Poison Centre - Ospedale di Niguarda - Milan - Tel. +39 02 66101029 (24 h)

2. HAZARD(S) IDENTIFICATION

Classification of the chemical

-  Warning, Flam. Liq. 3, Flammable liquid and vapour.
-  Warning, Skin Irrit. 2, Causes skin irritation.
-  Warning, Eye Irrit. 2A, Causes serious eye irritation.
-  Danger, Repr. 1B, May damage fertility or the unborn child.
-  Warning, STOT SE 3, May cause drowsiness or dizziness.

Label elements

Hazard pictograms:



Danger

Hazard statements:

H226 Flammable liquid and vapour.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H360 May damage fertility or the unborn child.

H336 May cause drowsiness or dizziness.

Precautionary statements:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical/ventilating/lighting/equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 Wash ... Thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

Safety Data Sheet

LAC410 UNICOLOR Concentrato Bianco al solvente - White concentrated solvent based

P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P302+P352 IF ON SKIN: Wash with plenty of soap and water.
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P308+P313 IF exposed or concerned: Get medical advice/attention.
 P312 Call a POISON CENTER/doctor/... if you feel unwell.
 P321 Specific treatment (see ... On this label).
 P332+P313 If skin irritation occurs: Get medical advice/attention.
 P337+P313 If eye irritation persists: Get medical advice/attention.
 P362+P364 Take off contaminated clothing and wash it before reuse.
 P370+P378 In case of fire, use alcohol resistant foam, dry chemical, CO₂, water spray. Do not use water jet.
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.
 P403+P235 Store in a well-ventilated place. Keep cool.
 P405 Store locked up.
 P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:

None

Hazards not otherwise classified identified during the classification process:

None

Ingredient(s) with unknown acute toxicity:

None.

Additional classification information

NFPA rating:



HMIS rating:

HEALTH	* 3
FLAMMABILITY	3
PHYSICAL HAZARD	1
PERSONAL PROTECTION	G

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

N.A.

Mixtures

Hazardous components within the meaning of 29 CFR 1910.1200 and related classification:

Qty	Name	Ident. Number	Classification
>= 50% - < 60%	1-methoxy-2-propanol; monopropylene glycol methyl ether	Index number: 603-064-00-3 CAS: 107-98-2 EC: 203-539-1 REACH No.: 01-2119457435-35	⚠ B.6/3 Flam. Liq. 3 H226 ⚠ A.8/3 STOT SE 3 H336

Safety Data Sheet

LAC410 UNICOLOR Concentrato Bianco al solvente - White concentrated solvent based

>= 30% - < 40%	Titanium Dioxide	CAS: EC: REACH No.:	13463-67-7 236-675-5 01-2119489379-17	The product is not classified as dangerous according to OSHA Hazard Communication Standard (29 CFR 1910.1200).
>= 12.5% - < 15%	2-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve	Index number: CAS: EC: REACH No.:	603-014-00-0 111-76-2 203-905-0 01-2119475108-36	⚠ A.3/2A Eye Irrit. 2A H319 B.6/4 Flam. Liq. 4 H227 ⚠ A.2/2 Skin Irrit. 2 H315 ⚠ A.1/4/Oral Acute Tox. 4 H302 ⚠ A.1/4/Dermal Acute Tox. 4 H312 ⚠ A.1/4/Inhal Acute Tox. 4 H332
>= 0.1% - < 0.25%	2-methoxypropanol	Index number: CAS: EC:	603-106-00-0 1589-47-5 216-455-5	⚠ B.6/3 Flam. Liq. 3 H226 ⚠ A.7/1B Repr. 1B H360 ⚠ A.8/3 STOT SE 3 H335 ⚠ A.2/2 Skin Irrit. 2 H315 ⚠ A.3/1 Eye Dam. 1 H318

4. FIRST-AID MEASURES

Description of necessary measures

In case of skin contact:

Immediately take off all contaminated clothing.
Remove contaminated clothing immediately and dispose off safely.
After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.
Protect uninjured eye.

In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

Most important symptoms/effects, acute and delayed

None

Indication of immediate medical attention and special treatment needed

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

None

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

In case of fire, use alcohol resistant foam, dry chemical, CO₂, water spray. Do not use water jet.

Unsuitable extinguishing media:

None in particular.

Specific hazards arising from the chemical

Do not inhale explosion and combustion gases.
Burning produces heavy smoke.

Hazardous combustion products:

None

Explosive properties:

N.D. in volume

Oxidizing properties:

N.D.

Special protective equipment and precautions for fire-fighters

Use suitable breathing apparatus .
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Move undamaged containers from immediate hazard area if it can be done safely.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures

Wear personal protection equipment.
Remove all sources of ignition.
Remove persons to safety.
See protective measures under point 7 and 8.

Methods and materials for containment and cleaning up

Wash with plenty of water.

Safety Data Sheet

LAC410 UNICOLOR Concentrato Bianco al solvente - White concentrated solvent based

7. HANDLING AND STORAGE

Precautions for safe handling

- Avoid contact with skin and eyes, inhalation of vapours and mists.
- Exercise the greatest care when handling or opening the container.
- Do not use on extensive surface areas in premises where there are occupants.
- Don't use empty container before they have been cleaned.
- Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.
- Contaminated clothing should be changed before entering eating areas.
- Do not eat or drink while working.
- See also section 8 for recommended protective equipment.

Conditions for safe storage, including any incompatibilities

- Always keep in a well ventilated place.
- Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.
- Avoid accumulating electrostatic charge.
- Keep away from food, drink and feed.
- Incompatible materials:
None in particular.
- Instructions as regards storage premises:
Cool and adequately ventilated.
Safety electric system.
- Storage temperature:
Store at ambient temperature.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

- 1-methoxy-2-propanol; monopropylene glycol methyl ether - CAS: 107-98-2
EU - TWA(8h): 375 mg/m³, 100 ppm - STEL: 563 mg/m³, 150 ppm - Notes: Skin
ACGIH - TWA(8h): 50 ppm - STEL: 100 ppm - Notes: A4 - Eye and URT irr
- Titanium Dioxide - CAS: 13463-67-7
ACGIH - TWA(8h): 10 mg/m³ - Notes: A4 - LRT irr
- 2-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve - CAS: 111-76-2
EU - TWA(8h): 98 mg/m³, 20 ppm - STEL: 246 mg/m³, 50 ppm - Notes: Skin
ACGIH - TWA(8h): 20 ppm - Notes: A3, BEI - Eye and URT irr

DNEL Exposure Limit Values

- 1-methoxy-2-propanol; monopropylene glycol methyl ether - CAS: 107-98-2
Worker Industry: 553.5 mg/m³ - Worker Professional: 553.5 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, local effects
Worker Industry: 369 mg/m³ - Worker Professional: 369 mg/m³ - Consumer: 43.9 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Worker Industry: 183 mg/kg - Worker Professional: 183 mg/kg - Consumer: 78 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Consumer: 33 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects
- Titanium Dioxide - CAS: 13463-67-7
Worker Industry: 10 mg/m³ - Worker Professional: 10 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, local effects
Consumer: 700 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects
- 2-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve - CAS: 111-76-2
Worker Industry: 125 mg/kg - Worker Professional: 125 mg/kg - Consumer: 75 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Worker Industry: 98 mg/m³ - Worker Professional: 98 mg/m³ - Consumer: 59 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Consumer: 6.3 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

PNEC Exposure Limit Values

- 1-methoxy-2-propanol; monopropylene glycol methyl ether - CAS: 107-98-2
Target: Fresh Water - Value: 10 mg/l
Target: Marine water - Value: 1 mg/l
Target: Intermittent emission - Value: 100 mg/l
Target: Freshwater sediments - Value: 52.3 mg/kg
Target: Marine water sediments - Value: 5.2 mg/kg
Target: Soil (agricultural) - Value: 4.59 mg/kg
Target: Microorganisms in sewage treatments - Value: 100 mg/l
- Titanium Dioxide - CAS: 13463-67-7
Target: Fresh Water - Value: 0.184 mg/l
Target: Marine water - Value: 0.0184 mg/l
Target: Intermittent emission - Value: 0.61 mg/l
Target: Freshwater sediments - Value: 1000 mg/kg

Safety Data Sheet

LAC410 UNICOLOR Concentrato Bianco al solvente - White concentrated solvent based

Target: Marine water sediments - Value: 100 mg/kg
 Target: Microorganisms in sewage treatments - Value: 100 mg/l
 Target: Soil (agricultural) - Value: 100 mg/kg
 Target: Food chain - Value: 1667 mg/kg
 2-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve - CAS: 111-76-2
 Target: Fresh Water - Value: 8.8 mg/l
 Target: Marine water - Value: 0.88 mg/l
 Target: Intermittent emission - Value: 9.1 mg/l
 Target: Freshwater sediments - Value: 8.14 mg/kg
 Target: Marine water sediments - Value: 3.46 mg/kg
 Target: Microorganisms in sewage treatments - Value: 463 mg/l
 Target: Food chain - Value: 20 mg/kg
 Target: Soil (agricultural) - Value: 2.33 mg/kg

Appropriate engineering controls:

None

Individual protection measures

Eye protection:

Eye glasses with side protection. (EN166)

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber. (EN374)

Respiratory protection:

Use adequate protective respiratory equipment.

Thermal Hazards:

None

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour:	white fluid
Odour:	typical
Odour threshold:	N.D.
pH:	N.A.
Melting point / freezing point:	N.D. °C
Initial boiling point and boiling range:	> 117 °C
Solid/gas flammability:	N.A.
Upper/lower flammability or explosive limits:	N.D.
Vapour density:	> 1
Flash point:	32 °C
Evaporation rate:	N.D.
Vapour pressure:	N.D. (20 °C)
Relative density:	1.160 - 1.200
Solubility in water:	partial
Solubility in oil:	poarziale
Partition coefficient (n-octanol/water):	N.D.
Auto-ignition temperature:	> 270 °C
Decomposition temperature:	N.D. °C
Viscosity:	N.D.
Miscibility:	N.D.
Fat Solubility:	N.D.
Conductivity:	N.D.
Substance Groups relevant properties	N.A.

10. STABILITY AND REACTIVITY

Reactivity

It may generate dangerous reactions (See subsections below)

Chemical stability

It may generate dangerous reactions (See subsections below)

Possibility of hazardous reactions

It may generate flammable gases on contact with elementary metals (alkalis and alkaline earth), nitrides, and powerful reducing agents.

It may catch fire on contact with oxidising mineral acids, elementary metals (alkalis and alkaline earth), nitrides, organic peroxides and hydroperoxides, oxidising agents, and reducing agents.

Conditions to avoid

Avoid accumulating electrostatic charge.

Incompatible materials

Avoid contact with combustible materials. The product could catch fire.

Safety Data Sheet

LAC410 UNICOLOR Concentrato Bianco al solvente - White concentrated solvent based

Hazardous decomposition products
None.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Toxicological information of the product:

UNICOLOR Concentrato Bianco al solvente - White concentrated solvent based

- a) acute toxicity
Not classified
No data available for the product
- b) skin corrosion/irritation
The product is classified: Skin Irrit. 2 H315
- c) serious eye damage/irritation
The product is classified: Eye Irrit. 2A H319
- d) respiratory or skin sensitisation
Not classified
No data available for the product
- e) germ cell mutagenicity
Not classified
No data available for the product
- f) carcinogenicity
Not classified
No data available for the product
- g) reproductive toxicity
The product is classified: Repr. 1B H360
- h) STOT-single exposure
The product is classified: STOT SE 3 H336
- i) STOT-repeated exposure
Not classified
No data available for the product
- j) aspiration hazard
Not classified
No data available for the product

Toxicological information of the main substances found in the product:

1-methoxy-2-propanol; monopropylene glycol methyl ether - CAS: 107-98-2

- a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat = 4016 mg/kg
Test: LD50 - Route: Skin - Species: Rat > 2000 mg/kg
Test: LC50 - Route: Inhalation - Species: Rat = 54.6 mg/l - Duration: 4h

Titanium Dioxide - CAS: 13463-67-7

- a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg - Source: OECD 425
Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg
Test: LC50 - Route: Inhalation Dust - Species: Rat > 3.5 mg/l - Duration: 4h

2-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve - CAS: 111-76-2

- a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat = 1300 mg/kg
Test: LC50 - Route: Inhalation - Species: Rat > 523 Ppm - Duration: 4h
Test: LC50 - Route: Skin - Species: Rabbit > 435 mg/kg

2-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve - CAS: 111-76-2

The product is harmful if inhaled, swallowed or absorbed through skin. Repeated or extended exposures cause headache, drowsiness, weakness, stuttering, blurred vision, urinary albumin, kidneys damages, liver enlargement and haemolysis.

Substance(s) listed on the NTP report on Carcinogens:
None.

Substance(s) listed on the IARC Monographs:
Titanium Dioxide - Group 2B

2-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve - Group 3.

Substance(s) listed as OSHA Carcinogen(s):
None.

Substance(s) listed as NIOSH Carcinogen(s):
Titanium Dioxide.

12. ECOLOGICAL INFORMATION

Ecotoxicity

LAC410/1

Page n. 6 of 9

Safety Data Sheet

LAC410 UNICOLOR Concentrato Bianco al solvente - White concentrated solvent based

Adopt good working practices, so that the product is not released into the environment.

UNICOLOR Concentrato Bianco al solvente - White concentrated solvent based

Not classified for environmental hazards

No data available for the product

1-methoxy-2-propanol; monopropylene glycol methyl ether - CAS: 107-98-2

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Daphnia > 21100 mg/l - Duration h: 48

Endpoint: LC50 - Species: Fish > 4600 mg/l - Duration h: 96

Endpoint: EC50 - Species: Algae > 1000 mg/l - Notes: 7 d

2-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve - CAS: 111-76-2

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Algae = 623 mg/l - Duration h: 72 - Notes: OECD 201

Endpoint: EC50 - Species: Daphnia = 1550 mg/l - Duration h: 48 - Notes: OECD 202

Endpoint: LC50 - Species: Fish = 1474 mg/l - Duration h: 96 - Notes: OECD 203

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Daphnia = 100 mg/l - Notes: 21 d

Endpoint: NOEC - Species: Algae = 62.5 mg/l - Duration h: 72

Persistence and degradability

1-methoxy-2-propanol; monopropylene glycol methyl ether - CAS: 107-98-2

Biodegradability: Readily biodegradable - Duration h: 28 days - %: 96 - Notes: OECD 301E

2-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve - CAS: 111-76-2

Biodegradability: Readily biodegradable - Duration h: 28 days - %: 90.4 - Notes: OECD 301B

Bioaccumulative potential

N.A.

Mobility in soil

N.A.

Other adverse effects

None

13. DISPOSAL CONSIDERATIONS

Waste treatment and disposal methods

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

14. TRANSPORT INFORMATION



UN number	
ADR-UN Number:	1263
DOT number:	UN1263
IATA-UN Number:	1263
IMDG-UN Number:	1263
UN proper shipping name	
ADR-Shipping Name:	PAINT RELATED MATERIAL
DOT-Shipping Name:	Paint including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler and liquid lacquer base or Paint related material including paint thinning, drying, removing, or reducing compound
IATA-Shipping Name:	PAINT RELATED MATERIAL
IMDG-Shipping Name:	PAINT RELATED MATERIAL
Transport hazard class(es)	
ADR-Class:	3
DOT Hazard Class:	3
ADR - Hazard identification number:	30
IATA-Class:	3
IATA-Label:	3
IMDG-Class:	3
Packing group	
ADR-Packing Group:	III
DOT Packing group:	III
IATA-Packing group:	III
IMDG-Packing group:	III
Environmental hazards	

Safety Data Sheet

LAC410 UNICOLOR Concentrato Bianco al solvente - White concentrated solvent based

ADR-Environmental Pollutant:	No
IMDG-Marine pollutant:	No
Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)	N.A.
Special precautions	
DOT Special provisions:	367, B1, B52, B131, IB3, T2, TP1, TP29
ADR-Subsidiary risks:	-
ADR-S.P.:	163 367 650
ADR-Transport category (Tunnel restriction code):	3 (D/E)
IATA-Passenger Aircraft:	355
IATA-Subsidiary risks:	-
IATA-Cargo Aircraft:	366
IATA-S.P.:	A3 A72 A192
IATA-ERG:	3L
IMDG-EmS:	F-E , S-E
IMDG-Subsidiary risks:	-
IMDG-Stowage and handling:	Category A
IMDG-Segregation:	-

15. REGULATORY INFORMATION

USA - Federal regulations

TSCA - Toxic Substances Control Act

TSCA inventory: all the components are listed on the TSCA inventory.

TSCA listed substances:

1-methoxy-2-propanol; monopropylene glycol methyl ether is listed in TSCA Section 8b, Section 8d HSDR

Titanium Dioxide is listed in TSCA Section 8b

2-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve is listed in TSCA Section 8b, Section 8d HSDR

2-methoxypropanol is listed in TSCA Section 8b.

SARA - Superfund Amendments and Reauthorization Act

Section 302 – Extremely Hazardous Substances: no substances listed.

Section 304 – Hazardous substances: no substances listed.

Section 313 – Toxic chemical list: no substances listed.

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

No substances listed.

CAA - Clean Air Act

CAA listed substances:

1-methoxy-2-propanol; monopropylene glycol methyl ether is listed in CAA Section 112(b) - HON

2-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve is listed in CAA Section 111.

CWA - Clean Water Act

CWA listed substances:

None.

USA - State specific regulations

California Proposition 65

Substance(s) listed under California Proposition 65:

Titanium Dioxide - Listed as carcinogen.

Massachusetts Right to know

Substance(s) listed under Massachusetts Right to know:

1-methoxy-2-propanol; monopropylene glycol methyl ether

Titanium Dioxide

2-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve.

New Jersey Right to know

Substance(s) listed under New Jersey Right to know:

1-methoxy-2-propanol; monopropylene glycol methyl ether

Titanium Dioxide

2-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve.

Pennsylvania Right to know

Substance(s) listed under Pennsylvania Right to know:

1-methoxy-2-propanol; monopropylene glycol methyl ether

Titanium Dioxide

2-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve.

Volatile Organic compounds - VOCs = 68.80 %

Volatile Organic compounds - VOCs = 811.84 g/l

Volatile CMR substances = 0.13 %

Organic Carbon - C = 0.38

Safety Data Sheet

LAC410 UNICOLOR Concentrato Bianco al solvente - White concentrated solvent based

16. OTHER INFORMATION

Full text of phrases referred to in Section 3:

- H226 Flammable liquid and vapour.
- H336 May cause drowsiness or dizziness.
- H319 Causes serious eye irritation.
- H227 Combustible liquid.
- H315 Causes skin irritation.
- H302 Harmful if swallowed.
- H312 Harmful in contact with skin.
- H332 Harmful if inhaled.
- H360 May damage fertility or the unborn child.
- H335 May cause respiratory irritation.
- H318 Causes serious eye damage.

Safety Data Sheet dated 4/8/2019, version 1

Disclaimer:

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. The information relates only to the specific material and may not be valid for such material used in combination with any other material or in any process.

This Safety Data Sheet cancels and replaces any preceding release.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
HMIS:	Hazardous Materials Identification System
IARC:	International Agency for Research on Cancer
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
NFPA:	National Fire Protection Association
NIOSH:	National Institute for Occupational Safety and Health
NTP:	National Toxicology Program
OSHA:	Occupational Safety and Health Administration.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average