

## Safety Data Sheet



### LZD012 DILUENTE lento per lucidi PU - PU Thinner for Glossy

Safety Data Sheet dated 10/8/2018, version 1

#### 1. Identification

GHS Product identifier

Mixture identification:

Trade name:

DILUENTE lento per lucidi PU - PU Thinner for Glossy

Other means of identification

Trade code:

LZD012

Recommended use and restrictions on use

Recommended use:

Industrial and professional uses (SU3 - SU22)

Thinner for paints and varnishes

Supplier's details

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 :+1-514-832-4010

Emergency phone number for Canada: Canutec (613) 996-6666

Distributor:

Quincaillerie Richelieu Ltée/Richelieu Hardware Ltd.

7900 Henri-Bourassa Blvd. W.

Montreal, Quebec, Canada, H4S 1V4

Tel :+1-514-832-4010

Emergency phone number for Canada: Canutec (613) 996-6666

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 identification

Classification of the hazardous product

- ⚠ Danger, Flam. Liq. 2, Highly flammable liquid and vapour.
- ⚠ Warning, Acute Tox. 4, Harmful if inhaled.
- ⚠ Warning, Skin Irrit. 2, Causes skin irritation.
- ⚠ Warning, Eye Irrit. 2A, Causes serious eye irritation.
- ⚠ Warning, STOT SE 3, May cause respiratory irritation.
- ⚠ Warning, STOT RE 2, May cause damage to organs through prolonged or repeated exposure.
- ⚠ Danger, Asp. Tox. 1, May be fatal if swallowed and enters airways.

GHS label elements, including precautionary statements

Hazard pictograms:



Danger

Hazard statements:

H225 Highly flammable liquid and vapour.

H332 Harmful if inhaled.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H373 May cause damage to organs through prolonged or repeated exposure.

H304 May be fatal if swallowed and enters airways.

Precautionary statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P240 Ground and bond container and receiving equipment.

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

P242 Use non-sparking tools.

P243 Take action to prevent static discharges.



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ophthalmologist immediately.  
Protect uninjured eye.

In case of Ingestion:

Do NOT induce vomiting.

In case of Inhalation:

If breathing is irregular or stopped, administer artificial respiration.

In case of inhalation, consult a doctor immediately and show him packing or label.

Most important symptoms/effects, acute and delayed

None

Indication of immediate medical attention and special treatment needed, if necessary

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

Treatment:

None

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#### 5. Fire-fighting measures

Suitable and unsuitable extinguishing media

Suitable extinguishing media:

In case of fire, use alcohol resistant foam, dry chemical, CO<sub>2</sub>, water spray. Do not use water jet.

Unsuitable extinguishing media:

None in particular.

Specific hazards arising from the hazardous product

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.

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#### 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove all sources of ignition.

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

Provide adequate ventilation.

Remove persons to safety.

Use appropriate respiratory protection.

See protective measures under point 7 and 8.

Methods and material for containment and cleaning up

Wash with plenty of water.

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#### 7. Handling and storage

Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Do not use on extensive surface areas in premises where there are occupants.

Use localized ventilation system.

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.

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#### 8. Exposure controls/personal protection

##### Control parameters

xylene [4] - CAS: 1330-20-7

EU - TWA(8h): 221 mg/m<sup>3</sup>, 50 ppm - STEL: 442 mg/m<sup>3</sup>, 100 ppm - Notes: Skin

ACGIH - TWA(8h): 100 ppm - STEL: 150 ppm - Notes: A4, BEI - URT and eye irr, CNS impair

4-methylpentan-2-one; isobutyl methyl ketone - CAS: 108-10-1

EU - TWA(8h): 83 mg/m<sup>3</sup>, 20 ppm - STEL: 208 mg/m<sup>3</sup>, 50 ppm

ACGIH - TWA(8h): 20 ppm - STEL: 75 ppm - Notes: A3, BEI - URT irr, dizziness, headache

n-butyl acetate - CAS: 123-86-4

ACGIH - TWA(8h): 50 ppm - STEL: 150 ppm - Notes: Eye and URT irr

##### DNEL Exposure Limit Values

xylene [4] - CAS: 1330-20-7

Worker Industry: 289 mg/m<sup>3</sup> - Worker Professional: 289 mg/m<sup>3</sup> - Consumer: 174 mg/m<sup>3</sup> - Exposure: Human

Inhalation - Frequency: Short Term, systemic effects

Worker Industry: 77 mg/m<sup>3</sup> - Worker Professional: 77 mg/m<sup>3</sup> - Consumer: 14.8 mg/m<sup>3</sup> - Exposure: Human

Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 180 mg/kg - Worker Professional: 180 mg/kg - Consumer: 108 mg/kg - Exposure: Human Dermal

- Frequency: Long Term, systemic effects

Consumer: 1.6 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

4-methylpentan-2-one; isobutyl methyl ketone - CAS: 108-10-1

Worker Industry: 83 mg/m<sup>3</sup> - Worker Professional: 83 mg/m<sup>3</sup> - Consumer: 14.7 mg/m<sup>3</sup> - Exposure: Human

Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 208 mg/m<sup>3</sup> - Worker Professional: 208 mg/m<sup>3</sup> - Consumer: 115.2 mg/m<sup>3</sup> - Exposure: Human

Inhalation - Frequency: Short Term, systemic effects

Worker Industry: 83 mg/m<sup>3</sup> - Worker Professional: 83 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, local effects

Worker Industry: 208 mg/m<sup>3</sup> - Worker Professional: 208 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Short Term, local effects

Worker Industry: 11.8 mg/kg - Worker Professional: 11.8 mg/kg - Consumer: 4.2 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

n-butyl acetate - CAS: 123-86-4

Worker Industry: 960 mg/m<sup>3</sup> - Worker Professional: 960 mg/m<sup>3</sup> - Consumer: 859.7 mg/m<sup>3</sup> - Exposure: Human

Inhalation - Frequency: Short Term, systemic effects

Worker Industry: 960 mg/m<sup>3</sup> - Worker Professional: 960 mg/m<sup>3</sup> - Consumer: 859.7 mg/m<sup>3</sup> - Exposure: Human

Inhalation - Frequency: Short Term, local effects

Worker Industry: 480 mg/m<sup>3</sup> - Worker Professional: 480 mg/m<sup>3</sup> - Consumer: 102.34 mg/m<sup>3</sup> - Exposure: Human

Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 480 mg/m<sup>3</sup> - Worker Professional: 480 mg/m<sup>3</sup> - Consumer: 102.34 mg/m<sup>3</sup> - Exposure: Human

Inhalation - Frequency: Long Term, local effects

##### PNEC Exposure Limit Values

xylene [4] - CAS: 1330-20-7

Target: Fresh Water - Value: 0.327 mg/l

Target: Marine water - Value: 0.327 mg/l

Target: Intermittent emission - Value: 0.327 mg/l

Target: Freshwater sediments - Value: 12.46 mg/kg

Target: Marine water sediments - Value: 12.46 mg/kg

Target: Microorganisms in sewage treatments - Value: 6.58 mg/l

Target: Soil (agricultural) - Value: 2.31 mg/kg

4-methylpentan-2-one; isobutyl methyl ketone - CAS: 108-10-1

Target: Fresh Water - Value: 0.6 mg/l

Target: Marine water - Value: 0.06 mg/l

Target: Freshwater sediments - Value: 8.27 mg/kg

Target: Marine water sediments - Value: 0.83 mg/kg

Target: Microorganisms in sewage treatments - Value: 27.5 mg/l

Target: Soil (agricultural) - Value: 1.3 mg/kg

n-butyl acetate - CAS: 123-86-4

Target: Fresh Water - Value: 0.18 mg/l

Target: Marine water - Value: 0.018 mg/l

Target: Intermittent emission - Value: 0.36 mg/l

Target: Freshwater sediments - Value: 0.98 mg/kg

Target: Marine water sediments - Value: 0.098 mg/kg

Target: Microorganisms in sewage treatments - Value: 35.6 mg/l

Target: Soil (agricultural) - Value: 0.09 mg/kg

##### Biological Exposure Index

xylene [4] - CAS: 1330-20-7

Value: 1.5 g/g - medium: Urine - Biological Indicator: Methyl hippuric acid in urine - Sampling Period: End of turn

##### Appropriate engineering controls

None

Individual protection measures, such as personal protective equipment (PPE)

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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 respiratory protection where ventilation is insufficient or exposure is prolonged.  
Use adequate protective respiratory equipment.

Thermal Hazards:  
None

#### 9. Physical and chemical properties

Appearance and colour:	colourless fluid
Odour:	typical
Odour threshold:	N.D.
pH:	N.A.
Melting point / freezing point:	N.D. °C
Initial boiling point and boiling range:	> 116 °C
Flash point:	< 23 °C
Evaporation rate:	N.D.
Solid/gas flammability:	N.A.
Upper/lower flammability or explosive limits:	7.0% - 0.9% Vol. (Xylene)
Vapour pressure:	N.D. (20 °C)
Vapour density:	> 1
Relative density:	0.870 - 0.890
Solubility in water:	partial
Solubility in oil:	partial
Partition coefficient (n-octanol/water):	N.D.
Auto-ignition temperature:	> 300 °C
Decomposition temperature:	N.D. °C
Viscosity:	N.D.

#### 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 catch fire on contact with oxidising mineral acids, and powerful oxidising agents.

Conditions to avoid  
Avoid accumulating electrostatic charge.

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

Hazardous decomposition products  
None.

#### 11. Toxicological information

Information on toxicological effects  
Toxicological information of the product:  
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- acute toxicity  
The product is classified: Acute Tox. 4 H332
- skin corrosion/irritation  
The product is classified: Skin Irrit. 2 H315
- serious eye damage/irritation  
The product is classified: Eye Irrit. 2A H319
- respiratory or skin sensitisation  
Not classified  
No data available for the product
- germ cell mutagenicity  
Not classified  
No data available for the product
- carcinogenicity  
Not classified  
No data available for the product
- reproductive toxicity

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- Not classified  
No data available for the product
- h) STOT-single exposure  
The product is classified: STOT SE 3 H335
- i) STOT-repeated exposure  
The product is classified: STOT RE 2 H373
- j) aspiration hazard  
The product is classified: Asp. Tox. 1 H304
- Toxicological information of the main substances found in the product:
- xylene [4] - CAS: 1330-20-7
- a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat = 3523 mg/kg  
Test: LD50 - Route: Oral - Species: Mouse = 5627 mg/kg  
Test: LC50 - Route: Inhalation - Species: Rat = 6700 Ppm - Duration: 4h  
Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg
- 4-methylpentan-2-one; isobutyl methyl ketone - CAS: 108-10-1
- a) acute toxicity:  
Test: LC50 - Route: Inhalation - Species: Rat > 2000 Ppm - Duration: 4h - Source: OCSE 403  
Test: LD50 - Route: Oral - Species: Rat = 2080 mg/kg - Source: OCSE 401  
Test: LD50 - Route: Skin - Species: Rabbit > 20 ml/kg - Source: OCSE 402
- n-butyl acetate - CAS: 123-86-4
- a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat > 10760 mg/kg - Source: OECD 423  
Test: LC50 - Route: Inhalation - Species: Rat > 23.4 mg/l - Duration: 4h - Source: OECD 403  
Test: LD50 - Route: Skin - Species: Rabbit > 14000 mg/kg - Source: OECD 402
- xylene [4] - CAS: 1330-20-7  
Observations on human subjects.  
Effects following acute exposure: dermatitis, eczema, irritation to the eyes and to the respiratory tract, dizziness, headache, nausea, incoordination, excitability, narcosis, anaemia, and paraesthesia of the hands and feet.
- 4-methylpentan-2-one; isobutyl methyl ketone - CAS: 108-10-1  
Product is harmful if inhaled.  
Repeated exposure can cause irritation to respiratory tract, skin dryness, cough, cephalic nausea, dizziness and vomiting. Symptoms of chronic exposure are neurological, gastro-intestinal and respiratory.
- n-butyl acetate - CAS: 123-86-4  
The vapours can cause headache and nausea. As a liquid it can irritate the eyes and cause conjunctivitis, it can irritate the skin and cause dermatitis and, if swallowed, causes inebriation, hallucinations and sedation.  
Symptoms of illness at 500 ppm. Serious toxic effects at 2.000 ppm for 60 min.
- Substance(s) listed on the NTP report on Carcinogens:  
None.
- Substance(s) listed on the IARC Monographs:  
xylene [4] - Group 3  
4-methylpentan-2-one; isobutyl methyl ketone - Group 2B.
- Substance(s) listed as OSHA Carcinogen(s):  
None.
- Substance(s) listed as NIOSH Carcinogen(s):  
None.

## 12. Ecological information

- Ecotoxicity  
Adopt good working practices, so that the product is not released into the environment.
- DILUENTE lento per lucidi PU - PU Thinner for Glossy  
Not classified for environmental hazards  
No data available for the product
- xylene [4] - CAS: 1330-20-7
- a) Aquatic acute toxicity:  
Endpoint: LC50 - Species: Fish = 2.6 mg/l - Duration h: 96  
Endpoint: EC50 - Species: Algae = 4.3 mg/l - Duration h: 72  
Endpoint: EC50 - Species: Daphnia = 1 mg/l - Duration h: 24
- b) Aquatic chronic toxicity:  
Endpoint: NOEC - Species: Fish > 1.3 mg/l - Notes: 56d  
Endpoint: NOEC - Species: Daphnia = 1.57 mg/l - Notes: 21d
- 4-methylpentan-2-one; isobutyl methyl ketone - CAS: 108-10-1
- a) Aquatic acute toxicity:  
Endpoint: EC50 - Species: Daphnia > 200 mg/l - Duration h: 48 - Notes: OECD 202  
Endpoint: LC50 - Species: Fish > 179 mg/l - Duration h: 96 - Notes: OECD 203
- b) Aquatic chronic toxicity:  
Endpoint: NOEC - Species: Algae > 146 mg/l - Notes: 7 days  
Endpoint: NOEC - Species: Daphnia = 30 mg/l - Notes: 21 days

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n-butyl acetate - CAS: 123-86-4

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 18 mg/l - Duration h: 96 - Notes: OECD 203

Endpoint: EC50 - Species: Daphnia = 44 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae = 674 mg/l - Duration h: 72

Persistence and degradability

xylene [4] - CAS: 1330-20-7

Biodegradability: Readily biodegradable - Test: N.A. - Duration h: N.A. - %: N.A. - Notes: N.A.

4-methylpentan-2-one; isobutyl methyl ketone - CAS: 108-10-1

Biodegradability: Readily biodegradable - Test: N.A. - Duration h: 28 days - %: 83 - Notes: OECD 301F

n-butyl acetate - CAS: 123-86-4

Biodegradability: Readily biodegradable - Test: N.A. - Duration h: N.A. - %: N.A. - Notes: N.A.

Bioaccumulative potential

N.A.

Mobility in soil

N.A.

Other adverse effects

None

### 13. Disposal considerations

Safe handling and methods for disposal

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

TDG number: UN1263

ADR-UN Number: 1263

DOT number: UN1263

IATA-UN Number: 1263

IMDG-UN Number: 1263

UN proper shipping name

TDG-Shipping Name: PAINT RELATED MATERIAL

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

ADR-Technical Name: Paint related material

IATA-Shipping Name: PAINT RELATED MATERIAL

IATA-Technical name: Paint related material

IMDG-Shipping Name: PAINT RELATED MATERIAL

IMDG-Shipping name: Paint related material

Transport hazard class(es)

TDG Class: 3

ADR-Class: 3

DOT Hazard Class: 3

ADR - Hazard identification number: 33

IATA-Class: 3

IATA-Label: 3

IMDG-Class: 3

Packing group

TDG Packing group: II

ADR-Packing Group: II

DOT Packing group: II

IATA-Packing group: II

IMDG-Packing group: II

Environmental hazards

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 in connection with transport or conveyance



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Rail (RID):	3
TDG Special provisions:	59,142
DOT Special provisions:	149, 367, 383, B52, B131, IB2, T4, TP1, TP8, TP28
ADR-Subsidiary risks:	-
ADR-S.P.:	163 367 640D 650
ADR-Transport category (Tunnel restriction code):	2 (D/E)
IATA-Passenger Aircraft:	353
IATA-Subsidiary risks:	-
IATA-Cargo Aircraft:	364
IATA-S.P.:	A3 A72 A192
IATA-ERG:	3L
IMDG-EmS:	F-E , S-E
IMDG-Subsidiary risks:	-
IMDG-Stowage and handling:	Category B
IMDG-Segregation:	-

## 15. Regulatory information

Safety, health and environmental regulations specific for the product in question

This Safety Data Sheet has been prepared according to the Hazardous Products Regulations (HPR) - WHMIS 2015.

NPRI - National Pollutant Release Inventory

Substance(s) listed under NPRI:

None.

DSL inventory - Domestic substances list

no substances listed

NDSL inventory - Not Domestic substances list

no substances listed

TSCA inventory

All the components are listed on the TSCA inventory.

TSCA listed substances:

xylene [4] is listed in TSCA Section 8b

4-methylpentan-2-one; isobutyl methyl ketone is listed in TSCA Section 8b, Section 8d HSDR

n-butyl acetate is listed in TSCA Section 8b.

USA - Federal regulations

SARA - Superfund Amendments and Reauthorization Act

Section 302 – Extremely Hazardous Substances: no substances listed.

Section 304 – Hazardous substances: xylene [4], 4-methylpentan-2-one; isobutyl methyl ketone, n-butyl acetate.

Section 313 – Toxic chemical list: xylene [4], 4-methylpentan-2-one; isobutyl methyl ketone.

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

Substance(s) listed under CERCLA: xylene [4] - Reportable quantity: 100 pounds

4-methylpentan-2-one; isobutyl methyl ketone - Reportable quantity: 5000 pounds

n-butyl acetate - Reportable quantity: 5000 pounds.

Reportable quantity for mixture: 333.3333333 pounds.

CAA - Clean Air Act

CAA listed substances:

xylene [4] is listed in CAA Section 111, Section 112(b) - HAP, Section 112(b) - HON

4-methylpentan-2-one; isobutyl methyl ketone is listed in CAA Section 111, Section 112(b) - HAP, Section 112(b) - HON

n-butyl acetate is listed in CAA Section 111.

CWA - Clean Water Act

CWA listed substances:

xylene [4] is listed in CWA Section 304, Section 311

4-methylpentan-2-one; isobutyl methyl ketone is listed in CWA Section 304

n-butyl acetate is listed in CWA Section 304, Section 311.

USA - State specific regulations

California Proposition 65

Substance(s) listed under California Proposition 65:

4-methylpentan-2-one; isobutyl methyl ketone - Listed as carcinogen and reproductive toxicant.

Massachusetts Right to know

Substance(s) listed under Massachusetts Right to know:

xylene [4]

4-methylpentan-2-one; isobutyl methyl ketone

n-butyl acetate.

New Jersey Right to know

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

xylene [4]

4-methylpentan-2-one; isobutyl methyl ketone

n-butyl acetate.



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Pennsylvania Right to know  
Substance(s) listed under Pennsylvania Right to know:  
xylene [4]  
4-methylpentan-2-one; isobutyl methyl ketone  
n-butyl acetate.

Volatile Organic compounds - VOCs = 99.97 %  
Volatile Organic compounds - VOCs = 889.76 g/l  
Volatile CMR substances = 0.00 %  
Organic Carbon - C = 0.72

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#### 16. Other information

Full text of phrases referred to in Section 3:  
H226 Flammable liquid and vapour.  
H312 Harmful in contact with skin.  
H332 Harmful if inhaled.  
H315 Causes skin irritation.  
H335 May cause respiratory irritation.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H304 May be fatal if swallowed and enters airways.  
H225 Highly flammable liquid and vapour.  
H336 May cause drowsiness or dizziness.

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**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