

Safety Data Sheet



LVA100 IDROFOND Fondo trasp. 2K per interno - Clear WB sealer 2K interior

Safety Data Sheet dated 2/6/2023, version 2

1. IDENTIFICATION

Product identifier

Mixture identification:

Trade name: IDROFOND Fondo trasp. 2K per interno - Clear WB sealer 2K interior

Other means of identification:

Trade code: LVA100

Recommended use of the chemical and restrictions on use

Recommended use:

IS- Industrial use

PW - Professional use

Varnish for wood

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 - 20008 BAREGGIO (MI) - Tel. +39 02-903041

Importer:

Richelieu America Ltd, 7021 Sterling Ponds Blvd, Sterling Heights, MI 48312-5809 U.S. Tel: +1-800-361-6000.

Emergency phone number for U.S.A.: Chemtrec +1-800-424-9300

Distributor:

Richelieu America Ltd, 7021 Sterling Ponds Blvd, Sterling Heights, MI 48312-5809 U.S. Tel: +1-800-361-6000.

Emergency phone number for U.S.A.: Chemtrec +1-800-424-9300

Competent person responsible for the safety data sheet:

msds@sivam.it

Emergency phone number:

NUOVA S.I.V.A.M. SpA - Tel. +39 02- 903041 (Monday - Friday 8.00 - 15.00)

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

2. HAZARD(S) IDENTIFICATION

Classification of the chemical

⚠ Warning, Skin Sens. 1, May cause an allergic skin reaction.
Aquatic Acute 3, Harmful to aquatic life.

Label elements

Hazard pictograms:



Warning

Hazard statements:

H317 May cause an allergic skin reaction.

H402 Harmful to aquatic life.

Precautionary statements:

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

P272 Contaminated work clothing must not be allowed out of the workplace.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P321 Specific treatment (see ... On this label).

Safety Data Sheet

LVA100 IDROFOND Fondo trasp. 2K per interno - Clear WB sealer 2K interior

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

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	/	1
FLAMMABILITY		0
PHYSICAL HAZARD		0
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
>= 0.3% - < 0.5%	2,4,7,9-tetramethyldec-5-yne-4,7-diol	CAS: 126-86-3 EC: 204-809-1 REACH No.: 01-2119954390-39	<ul style="list-style-type: none"> ⚠ A.3/1 Eye Dam. 1 H318 ⚠ A.4.2/1B Skin Sens. 1B H317 US-HAE/C3 Aquatic Chronic 3 H412
264 ppm	ammonia, anhydrous	Index number: 007-001-00-5 CAS: 7664-41-7 EC: 231-635-3 REACH No.: 01-2119488876-14	<ul style="list-style-type: none"> B.2/2 Flam. Gas 2 H221 ⚠ A.1/3/Inhal Acute Tox. 3 H331 ⚠ B.5/C Compr. Gas H280 ⚠ A.2/1B Skin Corr. 1B H314 ⚠ US-HAE/A1 Aquatic Acute 1 H400 M=10. ⚠ US-HAE/C2 Aquatic Chronic 2 H411 M=10.

Safety Data Sheet

LVA100 IDROFOND Fondo trasp. 2K per interno - Clear WB sealer 2K interior

129 ppm	1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one	Index number: CAS: EC: REACH No.:	613-088-00-6 2634-33-5 220-120-9 01-2120761540-60	<ul style="list-style-type: none"> ⚠ A.1/4/Oral Acute Tox. 4 H302 ⚠ A.2/2 Skin Irrit. 2 H315 ⚠ A.3/1 Eye Dam. 1 H318 ⚠ A.4.2/1 Skin Sens. 1 H317 ⚠ US-HAE/A1 Aquatic Acute 1 H400 ⚠ US-HAE/C2 Aquatic Chronic 2 H411 <p>Specific Concentration Limits: C >= 0,05%: Skin Sens. 1 H317</p>
60 ppm	ammonia ...%	Index number: CAS: EC: REACH No.:	007-001-01-2 1336-21-6 215-647-6 01-2119982985-14	<ul style="list-style-type: none"> ⚠ A.2/1B Skin Corr. 1B H314 ⚠ A.8/3 STOT SE 3 H335 ⚠ US-HAE/A1 Aquatic Acute 1 H400 <p>Specific Concentration Limits: C >= 5%: STOT SE 3 H335</p>
40 ppm	Dodecamethylcyclohexasiloxane (D6)	CAS: EC: REACH No.:	540-97-6 208-762-8 01-2119517435-42	The product is not classified as dangerous according to OSHA Hazard Communication Standard (29 CFR 1910.1200).
40 ppm	Decamethylcyclopentasiloxane (D5)	CAS: EC: REACH No.:	541-02-6 208-764-9 01-2119511367-43	The product is not classified as dangerous according to OSHA Hazard Communication Standard (29 CFR 1910.1200).
21 ppm	2-methyl-2H-isothiazol-3-one	Index number: CAS: EC: REACH No.:	613-326-00-9 2682-20-4 220-239-6 01-2120764690-50	<ul style="list-style-type: none"> ⚠ A.1/2/Inhal Acute Tox. 2 H330 ⚠ A.1/3/Dermal Acute Tox. 3 H311 ⚠ A.1/3/Oral Acute Tox. 3 H301 ⚠ A.2/1B Skin Corr. 1B H314 ⚠ A.4.2/1A Skin Sens. 1A H317 ⚠ US-HAE/A1 Aquatic Acute 1 H400 ⚠ US-HAE/C1 Aquatic Chronic 1 H410 <p>Specific Concentration Limits: C >= 0,0015%: Skin Sens. 1 H317</p>
10 ppm	octamethylcyclotetrasiloxane (D4)	Index number: CAS: EC: REACH No.:	014-018-00-1 556-67-2 209-136-7 01-2119529238-36	<ul style="list-style-type: none"> ⚠ B.6/3 Flam. Liq. 3 H226 ⚠ A.7/2 Repr. 2 H361 <p>US-HAE/C4 Aquatic Chronic 4 H413</p>
5 ppm	mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H - isothiazol-3-one [EC no. 220-239-6] (3:1)	Index number:	613-167-00-5	<ul style="list-style-type: none"> ⚠ A.2/1B Skin Corr. 1B H314

Safety Data Sheet

LVA100 IDROFOND Fondo trasp. 2K per interno - Clear WB sealer 2K interior

	(CAS 26172-55-4 + CAS 2682-20-4)	CAS: 55965-84-9 REACH No.: 01-2120764691-48	<ul style="list-style-type: none"> ⚠ A.3/1 Eye Dam. 1 H318 ⚠ A.4.2/1 Skin Sens. 1 H317 ⚠ US-HAE/A1 Aquatic Acute 1 H400 ⚠ US-HAE/C1 Aquatic Chronic 1 H410 ⚠ A.1/3/Oral Acute Tox. 3 H301 ⚠ A.1/3/Dermal Acute Tox. 3 H311 ⚠ A.1/2/Inhal Acute Tox. 2 H330 <p>Specific Concentration Limits: C >= 0,6%: Skin Corr. 1B H314 0,06% <= C < 0.6%: Skin Irrit. 2 H315 0,06% <= C < 0.6%: Eye Irrit. 2A H319 C >= 0,0015%: Skin Sens. 1 H317</p>
4 ppm	octhilinone (ISO); 2-octyl-2H-isothiazol-3-one	Index number: 613-112-00-5 CAS: 26530-20-1 EC: 247-761-7	<ul style="list-style-type: none"> ⚠ A.2/1B Skin Corr. 1B H314 ⚠ A.4.2/1 Skin Sens. 1 H317 ⚠ US-HAE/A1 Aquatic Acute 1 H400 ⚠ US-HAE/C1 Aquatic Chronic 1 H410 ⚠ A.1/3/Dermal Acute Tox. 3 H311 ⚠ A.1/2/Inhal Acute Tox. 2 H330 ⚠ A.1/3/Oral Acute Tox. 3 H301 <p>Specific Concentration Limits: C >= 0,0015%: Skin Sens. 1 H317</p>

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.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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:

Water.

Carbon dioxide (CO2).

Unsuitable extinguishing media:

None in particular.

Safety Data Sheet

LVA100 IDROFOND Fondo trasp. 2K per interno - Clear WB sealer 2K interior

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 persons to safety.

See protective measures under point 7 and 8.

Methods and materials for containment and cleaning up

Wash with plenty of water.

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.

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.

See also section 8 for recommended protective equipment.

Advice on general occupational hygiene:

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

Storage temperature:

Store at ambient temperature.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

ammonia, anhydrous - CAS: 7664-41-7

EU - TWA(8h): 14 mg/m³, 20 ppm - STEL: 36 mg/m³, 50 ppm

ACGIH - TWA(8h): 25 ppm - STEL: 35 ppm - Notes: Eye dam, URT irr

ammonia ...% - CAS: 1336-21-6

ACGIH - TWA: 18 mg/m³, 25 ppm - STEL: 27 mg/m³, 35 ppm

Decamethylcyclopentasiloxane (D5) - CAS: 541-02-6

ACGIH - TWA(8h): 10 ppm

octamethylcyclotetrasiloxane (D4) - CAS: 556-67-2

ACGIH - TWA(8h): 123 mg/m³, 10 ppm

mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H

-isothiazol-3-one [EC no. 220-239-6] (3:1) (CAS 26172-55-4 + CAS 2682-20-4) - CAS:

55965-84-9

Safety Data Sheet

LVA100 IDROFOND Fondo trasp. 2K per interno - Clear WB sealer 2K interior

- TLV TWA - 0,05 mg/m³
 TLV STEL - 0,23 mg/m³
- octhilonone (ISO); 2-octyl-2H-isothiazol-3-one - CAS: 26530-20-1
 TLV TWA - 0,2 mg/m³
 TLV STEL - 0,6 mg/m³
- DNEL Exposure Limit Values**
- 2,4,7,9-tetramethyldec-5-yne-4,7-diol - CAS: 126-86-3
 Worker Industry: 0.5 - Worker Professional: 0.5 mg/kg - Consumer: 0.25 mg/kg -
 Exposure: Human Dermal - Frequency: Long Term, systemic effects
 Worker Industry: 1.76 - Worker Professional: 1.76 mg/m³ - Consumer: 0.43 mg/m³ -
 Exposure: Human Inhalation - Frequency: Long Term, systemic effects
- ammonia ...% - CAS: 1336-21-6
 Worker Industry: 6.8 mg/kg - Worker Professional: 6.8 mg/kg - Exposure: Human Dermal
 - Frequency: Short Term, systemic effects
 Worker Industry: 6.8 mg/kg - Worker Professional: 6.8 mg/kg - Exposure: Human Dermal
 - Frequency: Long Term, systemic effects
 Worker Industry: 47.6 mg/m³ - Worker Professional: 47.6 mg/m³ - Consumer: 23.8
 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, systemic effects
 Worker Industry: 47.6 mg/m³ - Worker Professional: 47.6 mg/m³ - Consumer: 23.8
 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
 Worker Industry: 36 mg/m³ - Worker Professional: 36 mg/m³ - Exposure: Human
 Inhalation - Frequency: Short Term, local effects
 Worker Industry: 14 mg/m³ - Worker Professional: 14 mg/m³ - Consumer: 2.8 mg/m³ -
 Exposure: Human Inhalation - Frequency: Long Term, local effects
 Consumer: 6.8 mg/kg - Exposure: Human Oral - Frequency: Short Term, systemic effects
 Consumer: 6.8 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects
- Dodecamethylcyclohexasiloxane (D6) - CAS: 540-97-6
 Worker Industry: 6.1 mg/m³ - Worker Professional: 6.1 mg/m³ - Consumer: 1.5 mg/m³ -
 Exposure: Human Inhalation - Frequency: Short Term, local effects
 Worker Industry: 11 mg/m³ - Worker Professional: 11 mg/m³ - Consumer: 2.7 mg/m³ -
 Exposure: Human Inhalation - Frequency: Long Term, systemic effects
 Consumer: 1.7 mg/kg - Exposure: Human Oral - Frequency: Short Term, systemic effects
- Decamethylcyclopentasiloxane (D5) - CAS: 541-02-6
 Worker Industry: 24.2 mg/m³ - Worker Professional: 24.2 mg/m³ - Consumer: 4.3 mg/m³
 - Exposure: Human Inhalation - Frequency: Long Term, local effects
 Worker Industry: 97.3 mg/m³ - Worker Professional: 97.3 mg/m³ - Consumer: 17.3
 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
 Consumer: 5 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects
- octamethylcyclotetrasiloxane (D4) - CAS: 556-67-2
 Worker Industry: 73 mg/m³ - Worker Professional: 73 mg/m³ - Consumer: 13 mg/m³ -
 Exposure: Human Inhalation - Frequency: Long Term, systemic effects
 Worker Industry: 73 mg/kg - Worker Professional: 73 mg/kg - Consumer: 13 mg/kg -
 Exposure: Human Inhalation - Frequency: Long Term, local effects
 Consumer: 3.7 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects
- PNEC Exposure Limit Values**
- 2,4,7,9-tetramethyldec-5-yne-4,7-diol - CAS: 126-86-3
 Target: Fresh Water - Value: 0.04 mg/l
 Target: Marine water - Value: 0.004 mg/l
 Target: Freshwater sediments - Value: 0.32 mg/kg
 Target: Marine water sediments - Value: 0.032 mg/kg
 Target: Microorganisms in sewage treatments - Value: 7 mg/l
 Target: Soil (agricultural) - Value: 0.028 mg/kg
- ammonia ...% - CAS: 1336-21-6
 Target: Fresh Water - Value: 0.0011 mg/l
 Target: Marine water - Value: 0.0011 mg/l
 Target: Intermittent emission - Value: 0.0068 mg/l

Safety Data Sheet

LVA100 IDROFOND Fondo trasp. 2K per interno - Clear WB sealer 2K interior

Dodecamethylcyclohexasiloxane (D6) - CAS: 540-97-6
 Target: Freshwater sediments - Value: 13 mg/kg
 Target: Marine water sediments - Value: 1.3 mg/kg
 Target: Microorganisms in sewage treatments - Value: 1 mg/kg
 Target: Soil (agricultural) - Value: 3.77 mg/kg

Decamethylcyclopentasiloxane (D5) - CAS: 541-02-6
 Target: Fresh Water - Value: 0.0012 mg/kg
 Target: Marine water - Value: 0.00012 mg/kg
 Target: Freshwater sediments - Value: 11 mg/kg
 Target: Marine water sediments - Value: 1.1 mg/kg
 Target: Microorganisms in sewage treatments - Value: 10 mg/l
 Target: Soil (agricultural) - Value: 2.54 mg/kg

octamethylcyclotetrasiloxane (D4) - CAS: 556-67-2
 Target: Fresh Water - Value: 0.0015 mg/l
 Target: Marine water - Value: 0.00015 mg/l
 Target: Freshwater sediments - Value: 3 mg/kg
 Target: Marine water sediments - Value: 0.3 mg/kg
 Target: Microorganisms in sewage treatments - Value: 10 mg/kg
 Target: Soil (agricultural) - Value: 0.54 mg/kg
 Target: Food chain - Value: 41 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:

Not needed for normal use.

Thermal Hazards:

None

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour:	opalescent
Odour:	typical
Odour threshold:	N.D.
pH:	8.5
Melting point / freezing point:	N.D. °C
Initial boiling point and boiling range:	> 100 °C
Solid/gas flammability:	N.A.
Upper/lower flammability or explosive limits:	N.D.
Vapour density:	> 1
Flash point:	N.A. °C
Evaporation rate:	N.D.
Vapour pressure:	N.D. (20 °C)
Relative density:	1.070 - 1.090
Solubility in water:	miscible
Solubility in oil:	partial
Partition coefficient (n-octanol/water):	N.D.
Auto-ignition temperature:	N.D. °C
Decomposition temperature:	N.D. °C
Viscosity:	N.D.

Safety Data Sheet

LVA100 IDROFOND Fondo trasp. 2K per interno - Clear WB sealer 2K interior

Miscibility:	N.D.
Fat Solubility:	N.D.
Conductivity:	N.D.
Substance Groups relevant properties	N.A.

10. STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions
Chemical stability	Stable under normal conditions
Possibility of hazardous reactions	
Conditions to avoid	Stable under normal conditions.
Incompatible materials	None in particular.
Hazardous decomposition products	None.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects	
Toxicological information of the product:	IDROFOND Fondo trasp. 2K per interno - Clear WB sealer 2K interior
a) acute toxicity	Not classified No data available for the product
b) skin corrosion/irritation	Not classified No data available for the product
c) serious eye damage/irritation	Not classified No data available for the product
d) respiratory or skin sensitisation	The product is classified: Skin Sens. 1 H317
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	Not classified No data available for the product
h) STOT-single exposure	Not classified No data available for the product
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:	2,4,7,9-tetramethyldec-5-yne-4,7-diol - CAS: 126-86-3
a) acute toxicity:	Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one - CAS: 2634-33-5

Safety Data Sheet

LVA100 IDROFOND Fondo trasp. 2K per interno - Clear WB sealer 2K interior

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 490 mg/kg

Test: LD50 - Route: Skin - Species: Rat = 2000 mg/kg

2-methyl-2H-isothiazol-3-one - CAS: 2682-20-4

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 120 mg/kg

Test: LD50 - Route: Skin - Species: Rat = 242 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat = 0.11 mg/l - Duration: 4h

octamethylcyclotetrasiloxane (D4) - CAS: 556-67-2

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 4800 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat = 36 mg/l - Duration: 4h

Test: LD50 - Route: Skin - Species: Rabbit = 2.5 ml/kg

mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) (CAS 26172-55-4 + CAS 2682-20-4) - CAS: 55965-84-9

a) acute toxicity:

Test: LC50 - Route: Inhalation - Species: Rat = 0.31 mg/l - Duration: 4h

Test: LC50 - Route: Oral - Species: Rat = 53 mg/kg

octhilinone (ISO); 2-octyl-2H-isothiazol-3-one - CAS: 26530-20-1

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 318 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit = 311 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat = 0.58 mg/l - Duration: 4h

Substance(s) listed on the NTP report on Carcinogens:

None.

Substance(s) listed on the IARC Monographs:

None.

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.

IDROFOND Fondo trasp. 2K per interno - Clear WB sealer 2K interior

The product is classified: Aquatic Acute 3 - H402

2,4,7,9-tetramethyldec-5-yne-4,7-diol - CAS: 126-86-3

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Algae = 15 mg/l - Duration h: 72

Endpoint: EC50 - Species: Daphnia = 91 mg/l - Duration h: 48

Endpoint: LC50 - Species: Fish = 36 mg/l - Duration h: 96

Endpoint: LC50 - Species: Fish = 42 mg/l - Duration h: 24

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one - CAS: 2634-33-5

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 2.18 mg/l - Duration h: 96

Endpoint: EC50 - Species: Daphnia = 2.94 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae = 0.11 mg/l - Duration h: 72

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Daphnia = 0.0403 mg/l - Duration h: 72

ammonia ...% - CAS: 1336-21-6

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia = 24 mg/l - Duration h: 48

Endpoint: LC50 - Species: Fish = 0.53 mg/l - Duration h: 96

Safety Data Sheet

LVA100 IDROFOND Fondo trasp. 2K per interno - Clear WB sealer 2K interior

- b) Aquatic chronic toxicity:
 Endpoint: NOEC - Species: Daphnia = 0.79 mg/l - Duration h: 96
 Endpoint: NOEC - Species: Fish = 0.022 mg/l - Notes: 73d
- 2-methyl-2H-isothiazol-3-one - CAS: 2682-20-4
- a) Aquatic acute toxicity:
 Endpoint: LC50 - Species: Fish = 0.3 mg/l - Duration h: 96
 Endpoint: EC50 - Species: Daphnia = 0.93 mg/l - Duration h: 48
 Endpoint: EC50 - Species: Algae = 0.072 mg/l - Duration h: 96
- b) Aquatic chronic toxicity:
 Endpoint: NOEC - Species: Fish = 2.1 mg/l - Notes: 33 day
 Endpoint: NOEC - Species: Algae = 0.072 mg/l - Duration h: 96
 Endpoint: NOEC - Species: Algae = 0.05 mg/l - Duration h: 120
- mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) (CAS 26172-55-4 + CAS 2682-20-4) - CAS: 55965-84-9
- a) Aquatic acute toxicity:
 Endpoint: EC50 - Species: Algae = 0.018 mg/l - Duration h: 72
 Endpoint: EC50 - Species: Daphnia = 0.126 mg/l - Duration h: 48
 Endpoint: LC50 - Species: Fish = 0.188 mg/l - Duration h: 96
- b) Aquatic chronic toxicity:
 Endpoint: NOEC - Species: Algae = 0.0012 mg/l - Duration h: 72 - Notes: OECD 201
 Endpoint: NOEC - Species: Daphnia = 0.0035 mg/l - Notes: 21d - OECD 211
 Endpoint: NOEC - Species: Fish = 0.02 mg/l - Notes: 38d - OECD 210
- Persistence and degradability
- 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one - CAS: 2634-33-5
 Biodegradability: Readily biodegradable - Test: CO2 production - Duration h: 28 days - %: 100 - Notes: OECD 301B
- Dodecamethylcyclohexasiloxane (D6) - CAS: 540-97-6
 Biodegradability: Non-readily biodegradable - Duration h: 28 days - %: 4.47 - Notes: OECD 310
- Decamethylcyclopentasiloxane (D5) - CAS: 541-02-6
 Biodegradability: Non-readily biodegradable - Duration h: 28 days - %: 0 - Notes: OECD 310
- octamethylcyclotetrasiloxane (D4) - CAS: 556-67-2
 Biodegradability: Non-readily biodegradable - Duration h: 28 days - %: 3.7 - Notes: OECD 310
- Bioaccumulative potential
- Dodecamethylcyclohexasiloxane (D6) - CAS: 540-97-6
 Bioaccumulation: Bioaccumulative
- Decamethylcyclopentasiloxane (D5) - CAS: 541-02-6
 Bioaccumulation: Bioaccumulative
- octamethylcyclotetrasiloxane (D4) - CAS: 556-67-2
 Bioaccumulation: Bioaccumulative
- Mobility in soil
 N.A.
- Other adverse effects
 None

13. DISPOSAL CONSIDERATIONS

Waste treatment and disposal methods

Recover if possible. In so doing, comply with the local and national regulations currently in force.

14. TRANSPORT INFORMATION

UN number

LVA100/2

Page n. 10 of 13

Safety Data Sheet

LVA100 IDROFOND Fondo trasp. 2K per interno - Clear WB sealer 2K interior

Not classified as dangerous in the meaning of transport regulations.

UN proper shipping name

N.A.

Transport hazard class(es)

N.A.

Packing group

N.A.

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

N.A.

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:

2,4,7,9-tetramethyldec-5-yne-4,7-diol is listed in TSCA Section 8b

ammonia, anhydrous is listed in TSCA Section 8b, Section 8a - CAIR

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one is listed in TSCA Section 8b

ammonia ...% is listed in TSCA Section 8b

Dodecamethylcyclohexasiloxane (D6) is listed in TSCA Section 8a - PAIR, Section 8b,

Section 8d HSDR

Decamethylcyclopentasiloxane (D5) is listed in TSCA Section 8a - PAIR, Section 8b,

Section 8d HSDR

2-methyl-2H-isothiazol-3-one is listed in TSCA Section 12b, Section 8b

octamethylcyclotetrasiloxane (D4) is listed in TSCA Section 12b, Section 4 Test, Section

8a - PAIR, Section 8b, Section 8d HSDR

mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H

-isothiazol-3-one [EC no. 220-239-6] (3:1) (CAS 26172-55-4 + CAS 2682-20-4) is listed in

TSCA Section 12b, Section 8b

ochthilnone (ISO); 2-octyl-2H-isothiazol-3-one is listed in TSCA Section 8b, Section 8d

HSDR, Section 8a - CAIR.

SARA - Superfund Amendments and Reauthorization Act

Section 302 – Extremely Hazardous Substances: ammonia, anhydrous.

Section 304 – Hazardous substances: ammonia, anhydrous, ammonia ...%.

Section 313 – Toxic chemical list: ammonia, anhydrous, ammonia ...%.

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

Substance(s) listed under CERCLA: ammonia, anhydrous - Reportable quantity: 100 pounds

ammonia ...% - Reportable quantity: 1000 pounds.

Reportable quantity for mixture: 378787.8788 pounds.

CAA - Clean Air Act

CAA listed substances:

ammonia, anhydrous is listed in CAA Section 112(r), Section 112(b) - HAP 264 ppm.

CWA - Clean Water Act

CWA listed substances:

ammonia, anhydrous is listed in CWA Section 304, Section 311

ammonia ...% is listed in CWA Section 311

ochthilnone (ISO); 2-octyl-2H-isothiazol-3-one is listed in CWA Section 304.

USA - State specific regulations

California Proposition 65

Safety Data Sheet

LVA100 IDROFOND Fondo trasp. 2K per interno - Clear WB sealer 2K interior

Substance(s) listed under California Proposition 65:
None.

Massachusetts Right to know

Substance(s) listed under Massachusetts Right to know:
ammonia, anhydrous
ammonia ...%.

New Jersey Right to know

Substance(s) listed under New Jersey Right to know:
ammonia, anhydrous
ammonia ...%.

Pennsylvania Right to know

Substance(s) listed under Pennsylvania Right to know:
ammonia, anhydrous
ammonia ...%.

Volatile Organic compounds - VOCs = 3.25 %

Volatile Organic compounds - VOCs = 35.41 g/l

Volatile CMR substances = 0.00 %

Organic Carbon - C = 0.02

16. OTHER INFORMATION

Full text of phrases referred to in Section 3:

H318 Causes serious eye damage.
H317 May cause an allergic skin reaction.
H412 Harmful to aquatic life with long lasting effects.
H221 Flammable gas.
H331 Toxic if inhaled.
H280 Contains gas under pressure; may explode if heated.
H314 Causes severe skin burns and eye damage.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.
H302 Harmful if swallowed.
H315 Causes skin irritation.
H335 May cause respiratory irritation.
H330 Fatal if inhaled.
H311 Toxic in contact with skin.
H301 Toxic if swallowed.
H410 Very toxic to aquatic life with long lasting effects.
H226 Flammable liquid and vapour.
H361 Suspected of damaging fertility or the unborn child.
H413 May cause long lasting harmful effects to aquatic life.
H319 Causes serious eye irritation.

Safety Data Sheet dated 2/6/2023, version 2

Sections modified from the previous revision:

2. HAZARD(S) IDENTIFICATION
3. COMPOSITION/INFORMATION ON INGREDIENTS
8. EXPOSURE CONTROLS/PERSONAL PROTECTION
9. PHYSICAL AND CHEMICAL PROPERTIES
11. TOXICOLOGICAL INFORMATION
12. ECOLOGICAL INFORMATION
15. REGULATORY INFORMATION

Disclaimer:

The information contained herein is based on our state of knowledge at the above-specified date. It

Safety Data Sheet

LVA100 IDROFOND Fondo trasp. 2K per interno - Clear WB sealer 2K interior

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.
ATE:	Acute Toxicity Estimate
ATEmix:	Acute toxicity Estimate (Mixtures)
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