

**EXCELTAN - GALLO TANIN B - HARMOTAN® - POLYTAN -
PRO TANIN R® - TAN & SENSE® FORTE - TAN & SENSE®
VOLUME - TAN & SENSE® ORIGIN - TAN & SENSE®
EXPRESSION - TANIN E2F® - TANIN GALLIQUE À
L'ALCOOL - VINITAN® ADVANCE - VINITAN® - TAN
INTENSE - TAN'EXCELLENCE®**

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878
Issue date: 03/11/2017 Revision date: 05/03/2021 Supersedes version of: 03/11/2017 Version: 2.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

| | |
|-----------------|---|
| Product form | : Substance |
| Trade name | : EXCELTAN - GALLO TANIN B - HARMOTAN® - POLYTAN - PRO TANIN R® - TAN & SENSE® FORTE - TAN & SENSE® VOLUME - TAN & SENSE® ORIGIN - TAN & SENSE® EXPRESSION - TANIN E2F® - TANIN GALLIQUE À L'ALCOOL - VINITAN® ADVANCE - VINITAN® - TAN INTENSE - TAN'EXCELLENCE® |
| EC-No. | : 215-753-2 |
| CAS-No. | : 1401-55-4 |
| Type of product | : For œnological use |
| Product group | : Trade product |

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

| | |
|----------------------------------|-------------------------------|
| Main use category | : Professional use |
| Industrial/Professional use spec | : For professional users only |
| Use of the substance/mixture | : Tannins used in winemaking. |
| Use of the substance/mixture | : For œnological use |

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Manufacturer

LAMO THE-ABIET
Avenue Ferdinand de Lesseps ZA-ACTIPOLIS
33610 CANEJAN - FRANCE
T +33557779292 - F +33556864002
contact@lamothe-abiet.com

1.4. Emergency telephone number

| Country | Organisation/Company | Address | Emergency number | Comment |
|-----------|--|--------------------------------------|------------------|---------|
| Australia | NSW Poisons Information Centre The Children's Hospital at Westmead | Locked Bag 4001 NSW 2145 Westmead | 13 11 26 | |

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|----------------|---|---|--------------------------------------|--|
| Canada | Ontario Poison Centre (OPC) | The Hospital for Sick Children 555 University Avenue ON M5G 1X8 Toronto | 1-800-268-9017 (416) 813-5900 | |
| Canada | BC Drug and Poison Information Centre (DPIC) | 655 West 12th Avenue BC V5Z 4R4 Vancouver | 1-800-567-8911 (604) 682-5050 | |
| China | National Poison Control Center | Chinese Center for Disease Control and Prevention Nanwei road, No.29 100050 Beijing | +86 10 831 32 046 | |
| Croatia | Centar za kontrolu otrovanja Institut za medicinska istraživanja i medicinu rada | Ksaverska Cesta 2 p.p. 291 10000 Zagreb | +385 1 234 8342 | Information available 24/7 in Croatian and English |
| Czech Republic | Toxikologické informační středisko Klinika pracovního lékařství VFN a 1. LF UK | Na Bojišti 1 120 00 Praha 2 | +420 224 919 293 +420 224 915 402 | |
| Denmark | Giftlinjen | Bispebjerg Bakke 23 Opgang 20 C 2400 København NV | +45 82 12 12 12 | |
| Georgia | National Toxicology Information Advisory Center | Tbilisi State Medical University Department of Toxicology - 7 Asatiani St. 380 077 Tbilisi | +995 99 533320 | |
| Greece | Poisons Information Centre Children's Hospital P&A Kyriakou | 11762 Athens | +30 2 10 779 3777 | |
| Hungary | Országos Kémiai Biztonsági Intézet Egészségügyi Toxikológiai Tájékoztató Szolgálat | Nagyvárad tér 2. 1437 Budapest, Pf. 839 1097 Budapest | +36 80 20 11 99 | |
| Israel | Israel Poison Information Center Rambam Health Care Campus | 6 Ha'Aliya Street 31096 Haifa | +972 4 854 1900 | |

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|-------------|--|---|--|--|
| Japan | Japan Poison Information Center | Tsukuba Medical Center 1-1-1 Amakubo 305-0005 Tsukuba City, Ibaraki | +81-29-856-3566 +81-72-727-2499 | |
| Jordan | National Drug & Poison Information Center of Jordan | | 0798506755 00962-6-5353444 | |
| Kazakhstan | Republican Toxicology Center | Tole-bi 93 480083 Almaty | +7 3272 925 868 | |
| Malta | Medicines & Poisons Info Office | Mater Dei Hospital MSD Msida | +356 2545 6504 | |
| New Zealand | National Poisons Centre | Dunedin School of Medicine, University of Otago PO Box 913 9054 Dunedin | 0800 764 766 +56 2 2 247 3600 | |
| Poland | National Poisons Information Centre The Nofer Institute of Occupational Medicine (Łódź) | ul. Teresy 8 P.O. BOX 199 90950 Łódź | +48 42 63 14 724 | |
| Romania | Department of Clinical Toxicology Spitalul de Urgenta Floreasca | Calea Floreasca Bucuresti | +40 21 230 8000 | |
| Russia | Информационно-консультативный центр по токсикологии (RTIAC) Министерство здравоохранения Российской Федерации | 3 Сухаревская Площадь Блок 7 129090 г. Москва | +7 495 628 1687 (только на русском) | |
| Serbia | Nacionalni centar za kontrolu trovanja - VMA | Crnotravska 17 11000 Beograd | +381 11 360 84 40 | |
| Slovenia | Center za klinično toksikologijo in farmakologijo Interna klinika, UKCL | Zaloška 7 1000 Ljubljana | +386 522 52 83 | |

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|--------------------------|---|--|------------------------------------|---|
| South Africa | Tygerberg Poison Information Centre | Division of Clinical Pharmacology Faculty of Medicine and Health Sciences Stellenbosch University - PO Box 241 8 000 Cape Town | 0861 555 777 +56 2 2 247 3600 | |
| Sweden | Giftinformationscentralen | Solna Strandväg 21 171 54 Solna | 112 – begär Giftinformation | |
| Turkey | Ulusal Zehir Merkezi (UZEM) Refik Saydam Hıfzısıhha Merkezi Başkanlığı | Cemal Gürsel Cd. No: 18 Sıhhiye Çankaya 06590 Ankara | 114 | Information is provided to public and medical personnel on poisoning incidents via 114. |
| United Kingdom | National Poisons Information Service (Belfast Centre) Royal Victoria Hospital | Grosvenor Road BT12 6BA Belfast | 0344 892 0111 | |
| United Kingdom | National Poisons Information Service (Birmingham Centre) City Hospital | Dudley Road B18 7QH Birmingham | 0344 892 0111 | |
| United Kingdom | National Poisons Information Service (Cardiff Centre) Gwenwyn Ward, Llandough Hospital | Penarth CF64 2XX Cardiff | 0344 892 0111 | |
| United Kingdom | National Poisons Information Service Edinburgh Royal Infirmary of Edinburgh | Little France Crescent EH16 4SA Edinburgh | 0344 892 0111 | |
| United Kingdom | Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust | Avonley Road SE14 5ER London | +44 20 7188 7188 | |
| United Kingdom | National Poisons Information Service (Newcastle Centre) Regional Drugs and Therapeutics Centre, Wolfson Unit | Claremont Place Newcastle-upon-Tyne NE1 4LP Newcastle | 0344 892 0111 | |
| United States of America | American Association of Poison Control Centers | 515 King St., Suite 510 VA 22314 Alexandria | 1-800-222-1222 +56 2 2 247 3600 | |

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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

According to EC directives or the corresponding national regulations there is no labelling obligation for this product.

No labelling applicable

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

| | |
|----------------|-------------------------|
| Substance type | : Mono-constituent |
| Name | : Tannins LAMOTHE-ABIET |
| CAS-No. | : 1401-55-4 |
| EC-No. | : 215-753-2 |

| Name | Product identifier | % |
|---------|---|-----|
| Tannins | (CAS-No.) 1401-55-4 (EC-No.) 215-753-2 | 100 |

3.2. Mixtures

Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------------------------|---|
| First-aid measures general | : If symptoms persist call a doctor. |
| First-aid measures after inhalation | : Remove person to fresh air and keep comfortable for breathing. If symptoms persist, call a physician. |
| First-aid measures after skin contact | : After contact with skin, wash immediately and thoroughly with water and soap. If symptoms persist, call a physician. |
| First-aid measures after eye contact | : In case of eye contact, immediately rinse with clean water for 10-15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| First-aid measures after ingestion | : If swallowed, rinse mouth with water (only if the person is conscious). Never give anything by mouth to an unconscious person. Call a poison center or a doctor if you feel unwell. |

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4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects : More detailed information: See section 11.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : carbon dioxide (CO₂), powder, alcohol-resistant foam, water spray.
Unsuitable extinguishing media : Do not use water jet.

5.2. Special hazards arising from the substance or mixture

Fire hazard : In case of fire and/or explosion do not breathe fumes.
Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon oxides (CO, CO₂).

5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Other information : Do not contaminate ground and surface water. Dispose in a safe manner in accordance with local/national regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.
Emergency procedures : No flames, no sparks. Eliminate all sources of ignition. Ventilate spillage area.
Measures in case of dust release : Avoid dust formation.

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

Do not flush into surface water or sewer system.

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6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Mechanically recover the product. Contain leaking substance, pump over in suitable containers. Clean contaminated surfaces with an excess of water.
- Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

Concerning personal protective equipment to use, see section 8. For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Store tightly closed in a dry and cool place. Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear recommended 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

- Technical measures : Keep only in the original container.
- Storage conditions : Keep container tightly closed to prevent moisture pick-up. Store in a dry, cool place. Keep in a well-ventilated room. Keep out of direct sunlight.
- Heat and ignition sources : Keep away from ignition sources (including static discharges).

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

No additional information available

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

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8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

8.2.2. Personal protection equipment

Personal protective equipment:

Refer to protective measures listed in Sections 7 and 8.

8.2.2.1. Eye and face protection

Eye protection:

No special eye protection equipment recommended under normal conditions of use. Where excessive dust may result, wear goggles

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

In case of excessive dust production. Wear protective gloves.

Other skin protection

Materials for protective clothing:

Protective clothing

8.2.2.3. Respiratory protection

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| | | | |
|---|--------------------|------------------|-----------------|
| Respiratory protection: | | | |
| Wear suitable respiratory equipment in case of insufficient ventilation. EN 143 | | | |
| Device | Filter type | Condition | Standard |
| Dust mask | Type P1, Type P2 | | |

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Do not allow into drains or water courses. Avoid release to the environment.

Other information:

Do not eat, drink or smoke during work. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|-----------------------------|--|
| Physical state | : Solid |
| Colour | : light brown. dark brown. |
| Appearance | : Powder. |
| Odour | : Product (article) characteristics. |
| Odour threshold | : Not available |
| Melting point | : 200 °C |
| Freezing point | : Not applicable |
| Boiling point | : Not available |
| Flammability | : Not available |
| Explosive properties | : Not explosive. |
| Explosive limits | : Not applicable |
| Lower explosive limit (LEL) | : Not applicable |
| Upper explosive limit (UEL) | : Not applicable |
| Flash point | : 198 °C Not applicable |
| Auto-ignition temperature | : > 500 Not applicable |
| Decomposition temperature | : Not available |
| pH | : Not available |
| pH solution | : 2 – 6 20°C |
| Viscosity, kinematic | : Not applicable |
| Solubility | : Soluble in water. Water: > 500 g/l 25°C |

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| | |
|---|----------------------------|
| Partition coefficient n-octanol/water (Log Kow) | : Not available |
| Vapour pressure | : Not available |
| Vapour pressure at 50 °C | : Not available |
| Density | : Not available |
| Relative density | : 0,3 – 0,6 Not applicable |
| Relative vapour density at 20 °C | : Not applicable |
| Particle size | : Not available |
| Particle size distribution | : Not available |
| Particle shape | : Not available |
| Particle aspect ratio | : Not available |
| Particle aggregation state | : Not available |
| Particle agglomeration state | : Not available |
| Particle specific surface area | : Not available |
| Particle dustiness | : Not available |

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

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

Heat. flames or sparks. Moisture. Direct sunlight.

10.5. Incompatible materials

Strong acids, strong oxidants.

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10.6. Hazardous decomposition products

Toxic fumes may be released. Carbon oxides (CO, CO₂).

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

| | |
|-----------------------------|--|
| Acute toxicity (oral) | : May cause a light irritation of the linings of the mouth, throat, and gastrointestinal tract |
| Acute toxicity (dermal) | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

| | |
|--|--------------|
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| LD50 oral rat | > 2000 mg/kg |
| LD50 oral | > 5000 mg/kg |

| | |
|-----------------------------------|--|
| Skin corrosion/irritation | : Not classified |
| Serious eye damage/irritation | : May cause eye-irritation of susceptible persons |
| Respiratory or skin sensitisation | : Repeated or prolonged contact may cause allergic reactions in very susceptible persons |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |
| STOT-single exposure | : Not classified |
| STOT-repeated exposure | : Not classified |
| Aspiration hazard | : Not classified |

| | |
|--|----------------|
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| Viscosity, kinematic | Not applicable |

11.2. Information on other hazards

No additional information available

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SECTION 12: Ecological information

12.1. Toxicity

| | |
|---|---|
| Ecology - general | : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. |
| Hazardous to the aquatic environment, short-term (acute) | : Not classified |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified |

12.2. Persistence and degradability

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| | |
|-------------------------------|--|
| Persistence and degradability | Biodegradable. No known adverse effects on the functioning of water treatment plants under normal use conditions as recommended. |
|-------------------------------|--|

12.3. Bioaccumulative potential

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| | |
|---------------------------|------------------------------|
| Bioaccumulative potential | There is no bioaccumulation. |
|---------------------------|------------------------------|

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

| | |
|-----------------------|---|
| Other adverse effects | : Do not allow to enter drains or water courses |
|-----------------------|---|

SECTION 13: Disposal considerations

13.1. Waste treatment methods

| | |
|--|---|
| Waste treatment methods | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |
| Product/Packaging disposal recommendations | : Empty remaining contents. Dispose of contents/container in accordance with licensed collector's sorting instructions. |

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SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

14.1. UN number or ID number

| | |
|---------------|-----------------|
| UN-No. (ADR) | : Not regulated |
| UN-No. (IMDG) | : Not regulated |
| UN-No. (IATA) | : Not regulated |
| UN-No. (ADN) | : Not regulated |
| UN-No. (RID) | : Not regulated |

14.2. UN proper shipping name

| | |
|-----------------------------|-----------------|
| Proper Shipping Name (ADR) | : Not regulated |
| Proper Shipping Name (IMDG) | : Not regulated |
| Proper Shipping Name (IATA) | : Not regulated |
| Proper Shipping Name (ADN) | : Not regulated |
| Proper Shipping Name (RID) | : Not regulated |

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not regulated

IMDG

Transport hazard class(es) (IMDG) : Not regulated

IATA

Transport hazard class(es) (IATA) : Not regulated

ADN

Transport hazard class(es) (ADN) : Not regulated

RID

Transport hazard class(es) (RID) : Not regulated

14.4. Packing group

| | |
|----------------------|-----------------|
| Packing group (ADR) | : Not regulated |
| Packing group (IMDG) | : Not regulated |
| Packing group (IATA) | : Not regulated |
| Packing group (ADN) | : Not regulated |
| Packing group (RID) | : Not regulated |

14.5. Environmental hazards

| | |
|-------------------------------|------|
| Dangerous for the environment | : No |
| Marine pollutant | : No |

EXCELTAN - GALLO TANIN B - HARMOTAN® - POLYTAN - PRO TANIN R® - TAN & SENSE® FORTE - TAN & SENSE® VOLUME - TAN & SENSE® ORIGIN - TAN & SENSE® EXPRESSION - TANIN E2F® - TANIN GALLIQUE À L'ALCOOL - VINITAN® ADVANCE - VINITAN® - TAN INTENSE - TAN'EXCELLENCE®

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Other information : No supplementary information available

14.6. Special precautions for user

Overland transport

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

Inland waterway transport

Not regulated

Rail transport

Not regulated

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

No REACH Annex XVII restrictions

EXCELTAN - GALLO TANIN B - HARMOTAN® - POLYTAN - PRO TANIN R® - TAN & SENSE® FORTE - TAN & SENSE® VOLUME - TAN & SENSE® ORIGIN - TAN & SENSE® EXPRESSION - TANIN E2F® - TANIN GALLIQUE À L'ALCOOL - VINITAN® ADVANCE - VINITAN® - TAN INTENSE - TAN'EXCELLENCE® is not on the REACH Candidate List

EXCELTAN - GALLO TANIN B - HARMOTAN® - POLYTAN - PRO TANIN R® - TAN & SENSE® FORTE - TAN & SENSE® VOLUME - TAN & SENSE® ORIGIN - TAN & SENSE® EXPRESSION - TANIN E2F® - TANIN GALLIQUE À L'ALCOOL - VINITAN® ADVANCE - VINITAN® - TAN INTENSE - TAN'EXCELLENCE® is not on the REACH Annex XIV List

EXCELTAN - GALLO TANIN B - HARMOTAN® - POLYTAN - PRO TANIN R® - TAN & SENSE® FORTE - TAN & SENSE® VOLUME - TAN & SENSE® ORIGIN - TAN & SENSE® EXPRESSION - TANIN E2F® - TANIN GALLIQUE À L'ALCOOL - VINITAN® ADVANCE - VINITAN® - TAN INTENSE - TAN'EXCELLENCE® is not subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

EXCELTAN - GALLO TANIN B - HARMOTAN® - POLYTAN - PRO TANIN R® - TAN & SENSE® FORTE - TAN & SENSE® VOLUME - TAN & SENSE® ORIGIN - TAN & SENSE® EXPRESSION - TANIN E2F® - TANIN GALLIQUE À L'ALCOOL - VINITAN® ADVANCE - VINITAN® - TAN INTENSE - TAN'EXCELLENCE® is not subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Other information, restriction and prohibition regulations : For œnological use.

EXCELTAN - GALLO TANIN B - HARMOTAN® - POLYTAN - PRO TANIN R® - TAN & SENSE® FORTE - TAN & SENSE® VOLUME - TAN & SENSE® ORIGIN - TAN & SENSE® EXPRESSION - TANIN E2F® - TANIN GALLIQUE À L'ALCOOL - VINITAN® ADVANCE - VINITAN® - TAN INTENSE - TAN'EXCELLENCE®

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

15.1.2. National regulations

Germany

Water hazard class (WGK) : WGK 2, Significantly hazardous to water (Classification according to AwSV; ID No. 8178)

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

Netherlands

SZW-lijst van kankerverwekkende stoffen : The substance is not listed

SZW-lijst van mutagene stoffen : The substance is not listed

NIET-limitatieve lijst van voor de : The substance is not listed

voortplanting giftige stoffen – Borstvoeding

NIET-limitatieve lijst van voor de : The substance is not listed

voortplanting giftige stoffen –

Vruchtbaarheid

NIET-limitatieve lijst van voor de : The substance is not listed

voortplanting giftige stoffen – Ontwikkeling

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

Revision - See : *.

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.